Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
Data File : VN088035.D
Acq On : 08 Oct 2025 11:33
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 09 02:40:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.800	128	67814	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.082	114	383340	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.847	117	334900	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.565	65	157895	29.901	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.667%				
60) 4-Bromofluorobenzene	12.829	95	156839	28.408	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.700%				
63) Toluene-d8	10.547	98	446011	29.891	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.633%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.154	85	1828	0.471	ug/l		76
3) Chloromethane	2.389	50	1969	0.447	ug/l		99
4) Vinyl Chloride	2.542	62	1381	0.301	ug/l		98
5) Bromomethane	2.989	94	2377	0.963	ug/l		85
10) 1,1-Dichloroethene	4.330	96	832	0.233	ug/l	#	75
11) Methyl Iodide	4.589	142	2697	0.821	ug/l		84
13) Acrolein	4.177	56	3339	3.722	ug/l	#	40
14) Acrylonitrile	5.706	53	4031	1.441	ug/l	#	43
16) Carbon Disulfide	4.706	76	16227	1.452	ug/l		99
18) Methylene Chloride	5.253	84	1143	0.252	ug/l	#	48
19) trans-1,2-Dichloroethene	5.777	96	2300	0.558	ug/l	#	69
21) 1,1-Dichloroethane	6.565	63	1890	0.237	ug/l	#	79
25) Chloroform	7.947	83	2123	0.258	ug/l		96
26) Cyclohexane	8.235	56	3861	0.584	ug/l	#	61
29) 1,1-Dichloropropene	8.359	75	1272	0.231	ug/l	#	52
30) 2-Butanone	7.477	43	2993	0.739	ug/l	#	92
36) 1,2-Dichloroethane	8.659	62	1658	0.262	ug/l	#	84
37) Trichloroethene	9.335	130	1338	0.310	ug/l	#	58
38) Methylcyclohexane	9.577	83	5990	0.883	ug/l		72
40) Dibromomethane	9.682	93	701	0.211	ug/l	#	1
42) Vinyl Acetate	6.594	43	15017	1.088	ug/l	#	74
43) Ethyl Acetate	7.559	43	1962	0.252	ug/l	#	87
45) 1,4-Dioxane	9.682	88	4258	50.317	ug/l	#	84
46) Methyl methacrylate	9.665	41	1214	0.217	ug/l		72
48) t-1,3-Dichloropropene	10.818	75	2780	0.368	ug/l	#	79
49) cis-1,3-Dichloropropene	10.294	75	2376	0.302	ug/l	#	72
50) 1,1,2-Trichloroethane	11.006	97	901	0.205	ug/l	#	40
52) 1,3-Dichloropropane	11.147	76	1584	0.206	ug/l		72
54) 1,2-Dibromoethane	11.453	107	1290	0.274	ug/l	#	80
55) 2-Chloroethyl vinyl ether	10.141	63	8407	2.089	ug/l	#	88
58) 4-Methyl-2-Pentanone	10.429	43	8120	1.084	ug/l		96
61) Tetrachloroethene	11.094	164	1968	0.580	ug/l	#	69
62) Toluene	10.606	91	5385	0.283	ug/l		94
64) Chlorobenzene	11.871	112	4252	0.350	ug/l		99
66) Ethyl Benzene	11.941	91	7862	0.381	ug/l		95
67) m/p-Xylenes	12.047	106	6004	0.754	ug/l		90
68) o-Xylene	12.376	106	2078	0.262	ug/l		95
70) Isopropylbenzene	12.676	105	9191	0.473	ug/l	#	80
73) Bromobenzene	12.965	156	1647	0.347	ug/l		47

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
Data File : VN088035.D
Acq On : 08 Oct 2025 11:33
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 09 02:40:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration

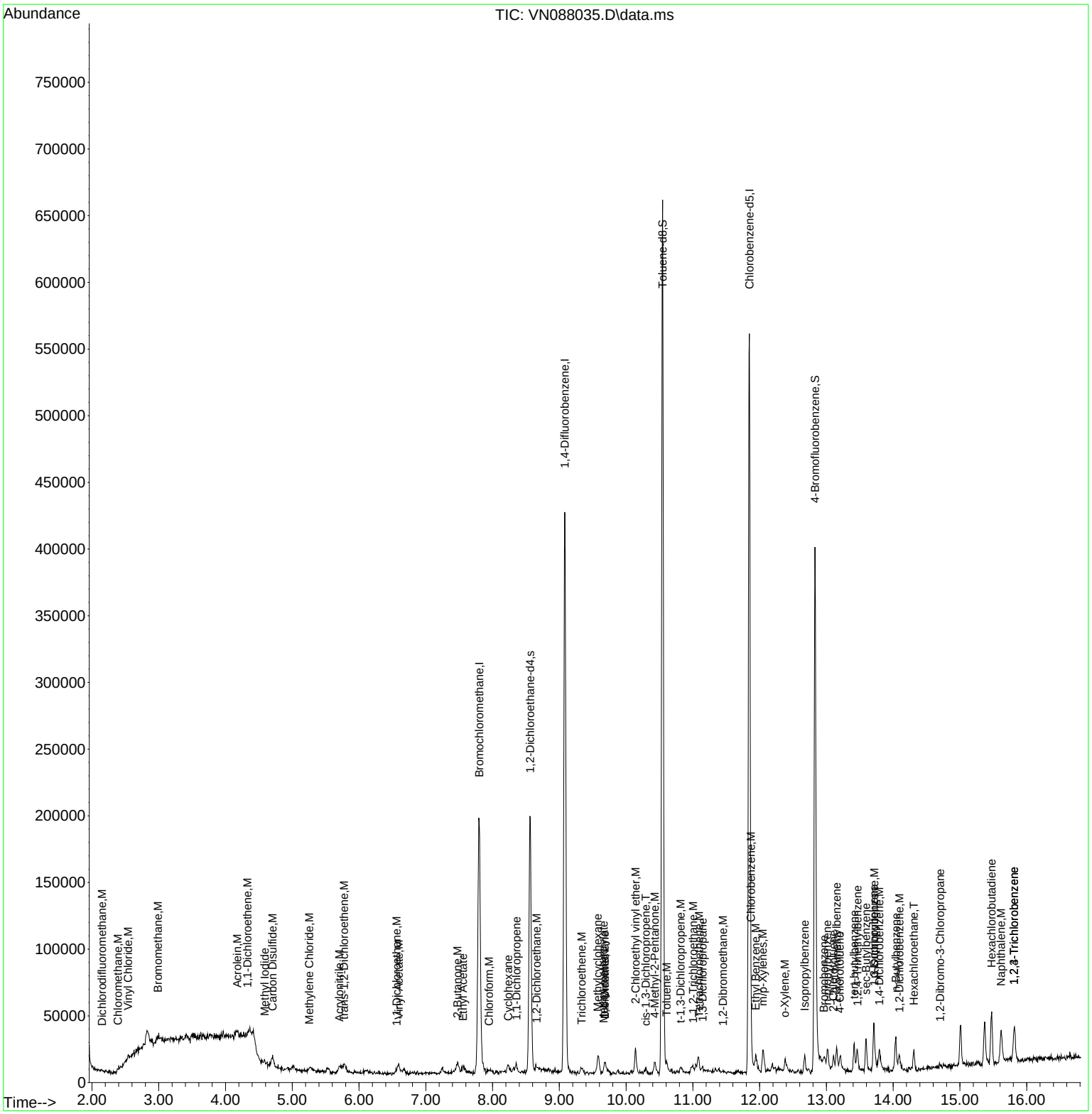
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) n-propylbenzene	13.012	91	13455	0.574	ug/l		96
75) 2-Chlorotoluene	13.106	91	6648	0.464	ug/l		85
76) 1,3,5-Trimethylbenzene	13.153	105	10448	0.633	ug/l		98
78) 4-Chlorotoluene	13.200	91	8805	0.604	ug/l		84
79) tert-butylbenzene	13.417	119	10367	0.725	ug/l		91
80) 1,2,4-Trimethylbenzene	13.465	105	8130	0.492	ug/l		99
81) sec-Butylbenzene	13.594	105	20054	0.997	ug/l		95
82) p-Isopropyltoluene	13.712	119	15482	0.901	ug/l		96
83) 1,3-Dichlorobenzene	13.717	146	6970	0.780	ug/l		94
84) 1,4-Dichlorobenzene	13.794	146	6490	0.704	ug/l		71
85) n-Butylbenzene	14.041	91	18182	1.138	ug/l		94
86) Hexachloroethane	14.312	117	3317	0.964	ug/l		78
87) 1,2-Dichlorobenzene	14.094	146	4616	0.525	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.706	75	455	0.301	ug/l	#	25
89) 1,2,4-Trichlorobenzene	15.811	180	8851	1.691	ug/l		91
90) Hexachlorobutadiene	15.476	225	6723	3.690	ug/l		98
91) Naphthalene	15.617	128	27540	1.437	ug/l	#	91
92) 1,2,3-Trichlorobenzene	15.811	180	8851	1.691	ug/l		91

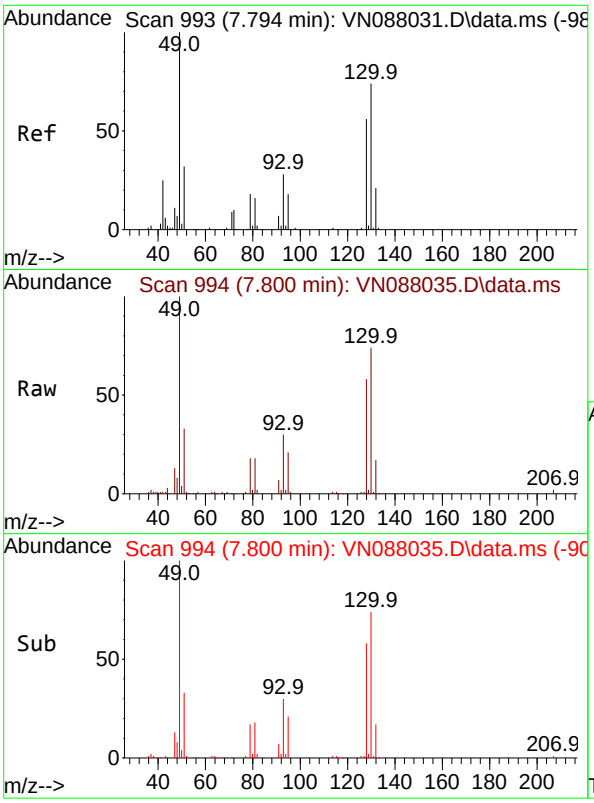
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
Data File : VN088035.D
Acq On : 08 Oct 2025 11:33
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 09 02:40:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration



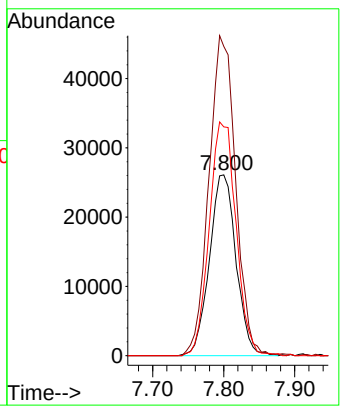


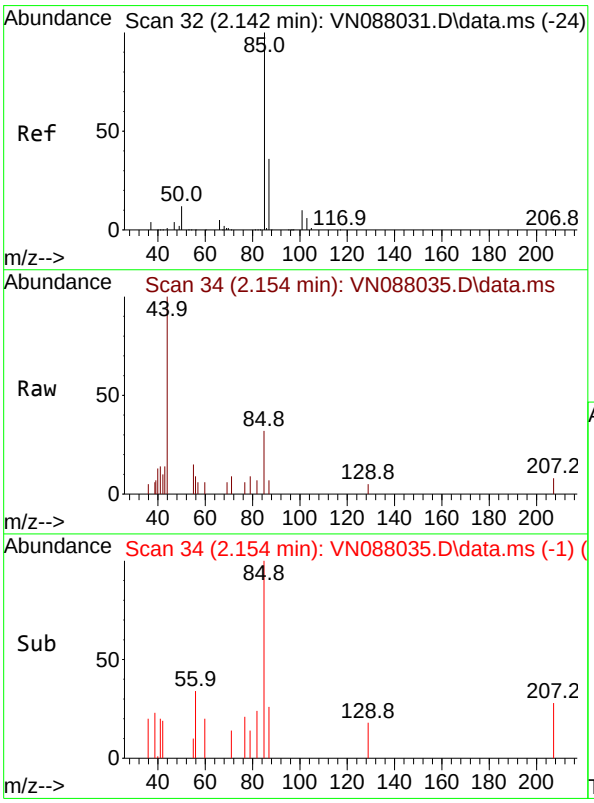
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 67814

Ion	Ratio	Lower	Upper
128	100		
49	177.2	0.0	439.8
130	130.3	0.0	325.8

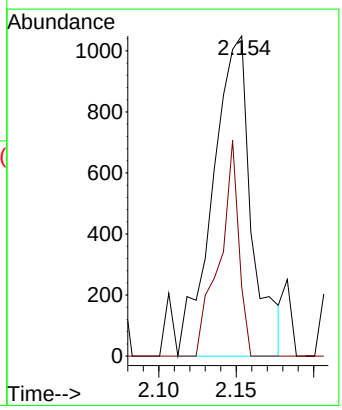


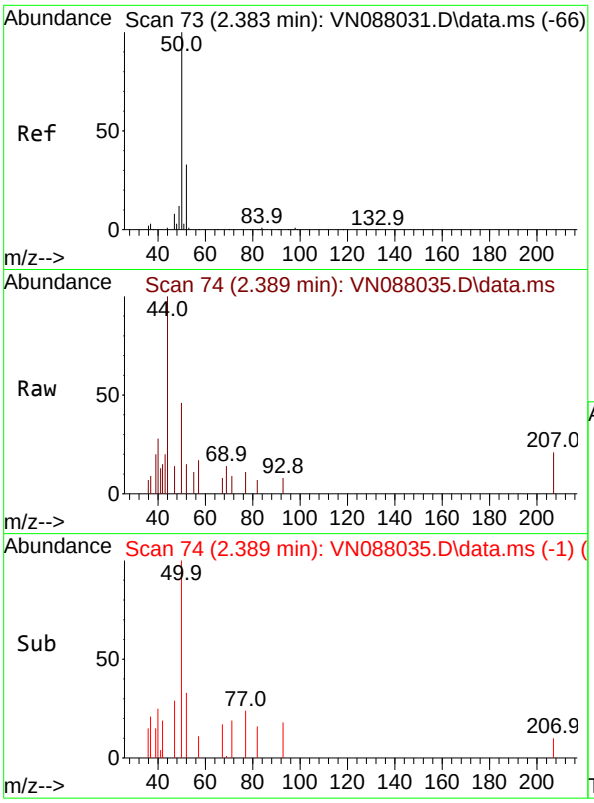


#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 85 Resp: 1828

Ion	Ratio	Lower	Upper
85	100		
87	21.5	17.9	53.8



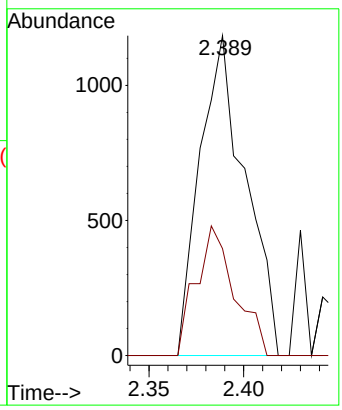


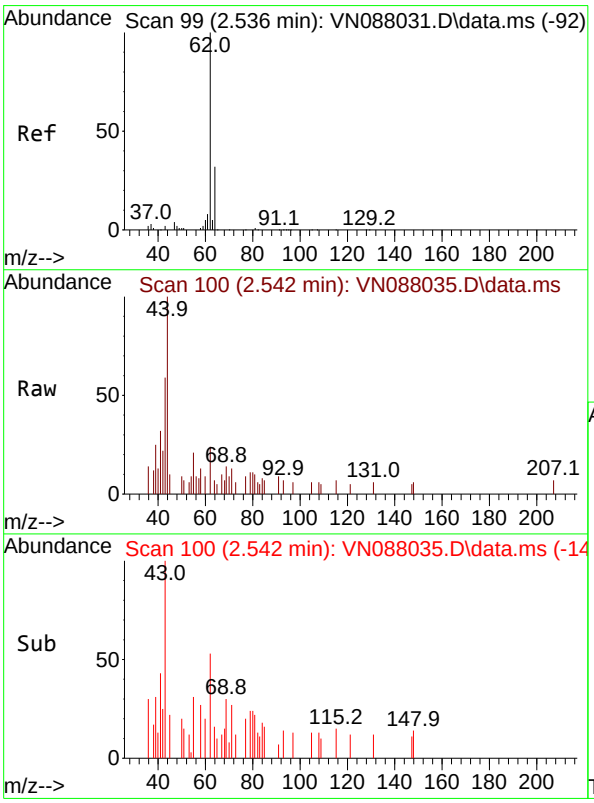
#3
Chloromethane
Concen: 0.447 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 50 Resp: 1969

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.3	39.5

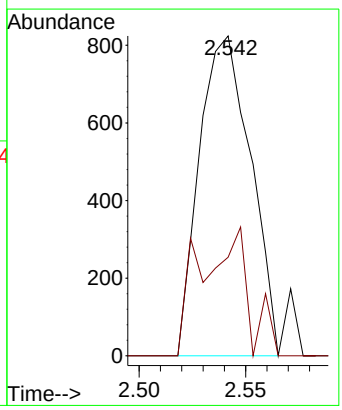


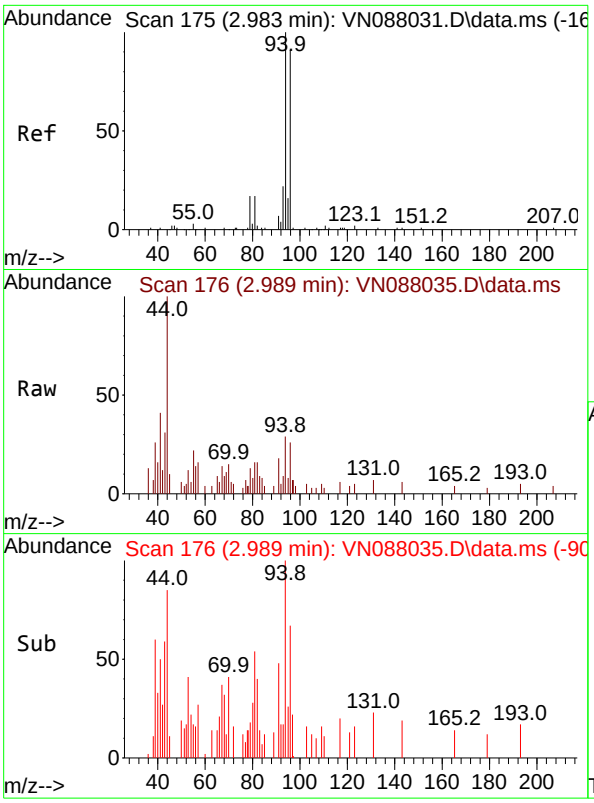


#4
Vinyl Chloride
Concen: 0.301 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 62 Resp: 1381

Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.7	38.5



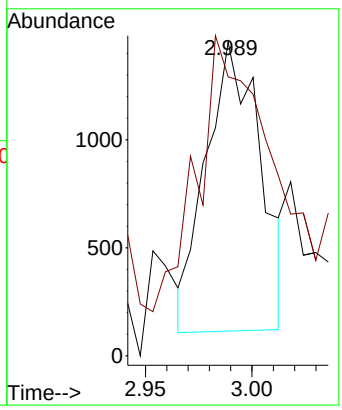


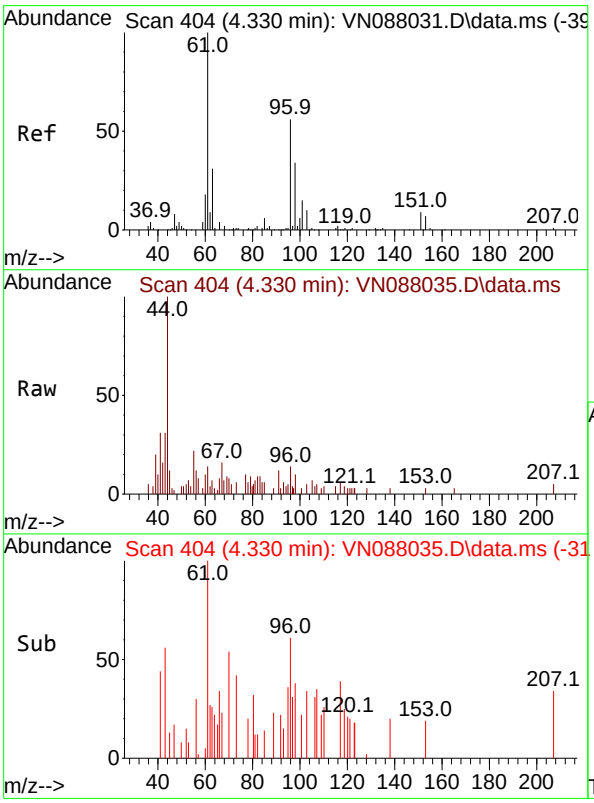
#5
Bromomethane
Concen: 0.963 ug/l
RT: 2.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 2377

Ion	Ratio	Lower	Upper
94	100		
96	77.3	73.0	109.4

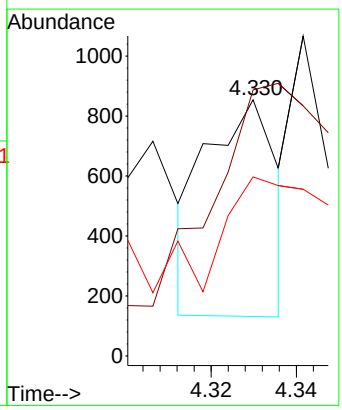


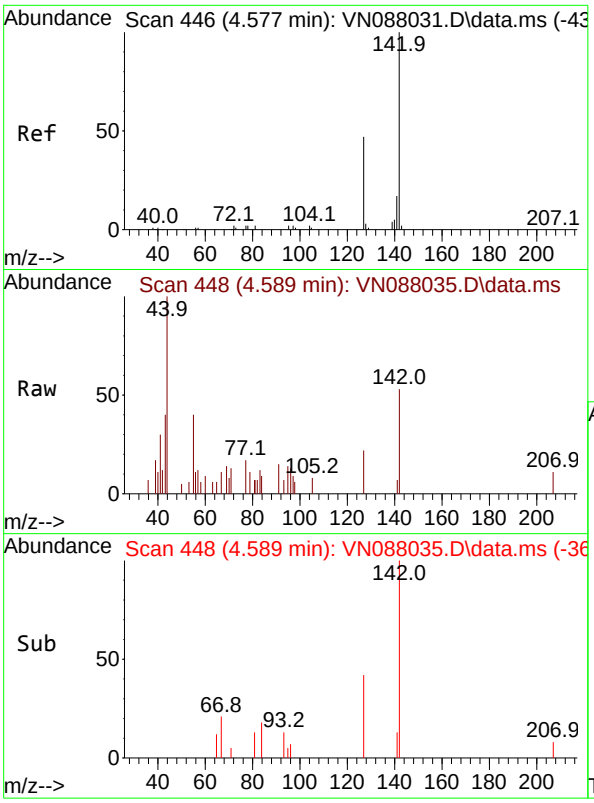


#10
1,1-Dichloroethene
Concen: 0.233 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 96 Resp: 832

Ion	Ratio	Lower	Upper
96	100		
61	133.8	144.1	216.1#
98	61.8	49.0	73.6



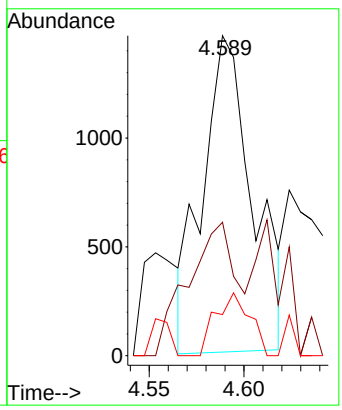


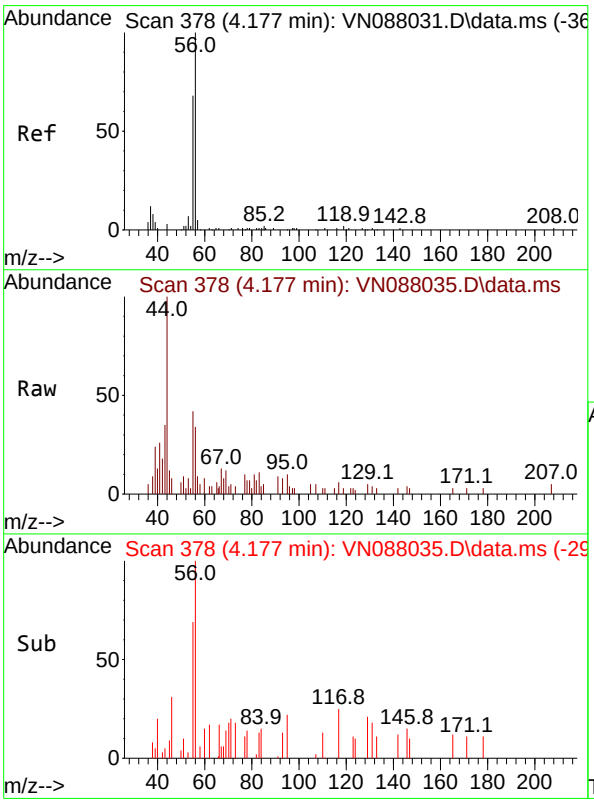
#11
Methyl Iodide
Concen: 0.821 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:142 Resp: 2697

Ion	Ratio	Lower	Upper
142	100		
127	32.5	23.4	70.3
141	18.4	8.8	26.2

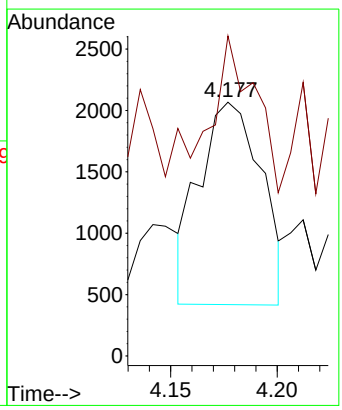


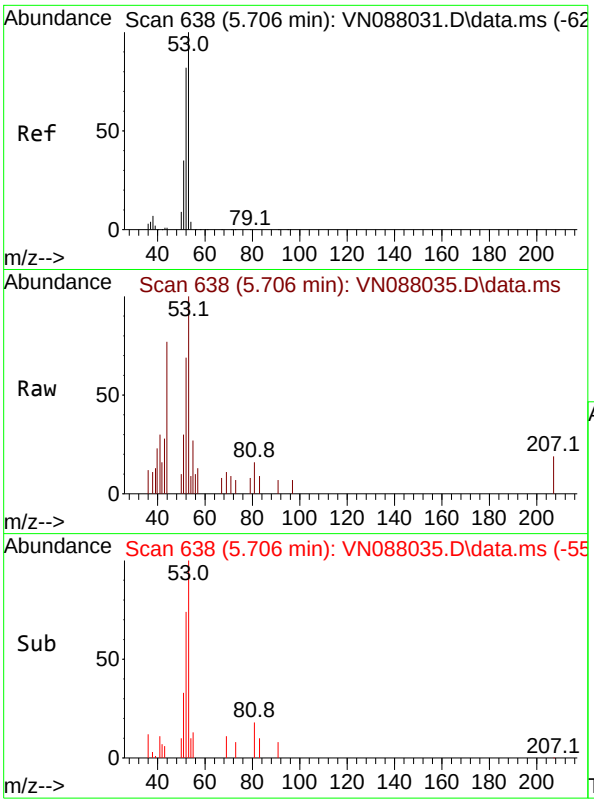


#13
Acrolein
Concen: 3.722 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 56 Resp: 3339

Ion	Ratio	Lower	Upper
56	100		
55	45.4	0.3	0.5#



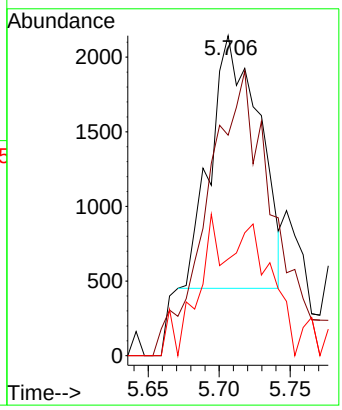


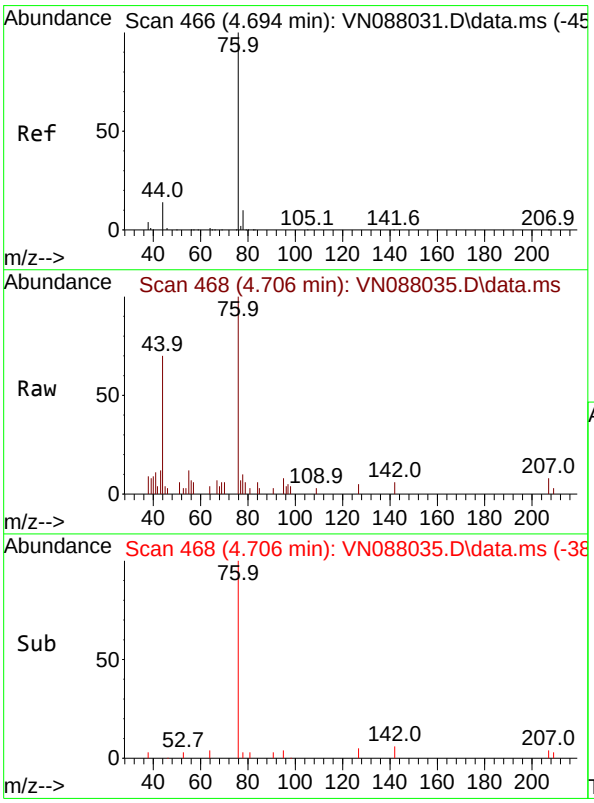
#14
Acrylonitrile
Concen: 1.441 ug/l
RT: 5.706 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 53 Resp: 4031

Ion	Ratio	Lower	Upper
53	100		
52	150.7	41.3	124.1#
51	43.9	18.0	54.0

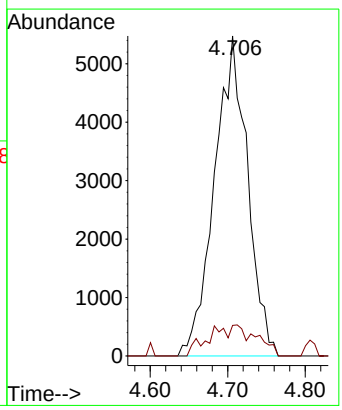


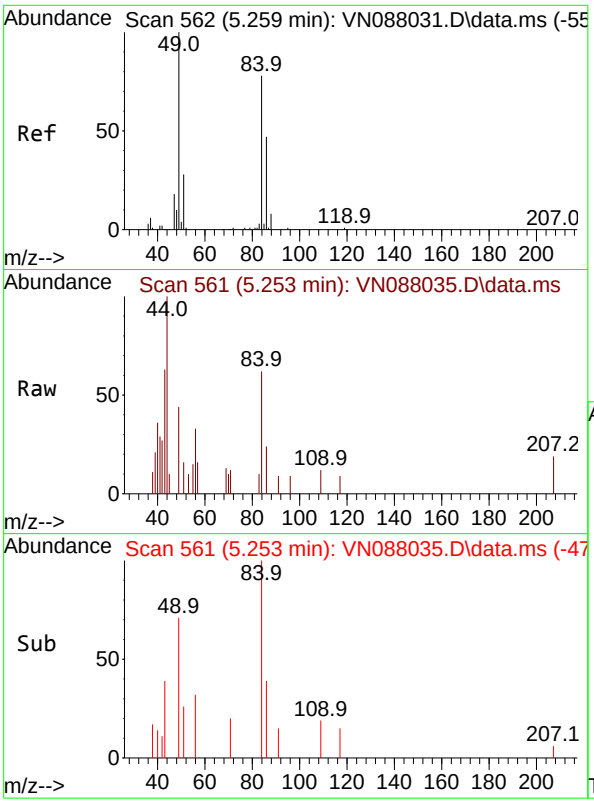


#16
Carbon Disulfide
Concen: 1.452 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 76 Resp: 16227

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.8	11.8



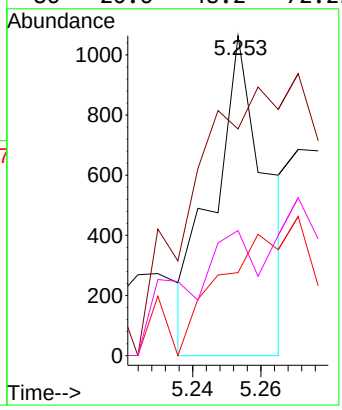


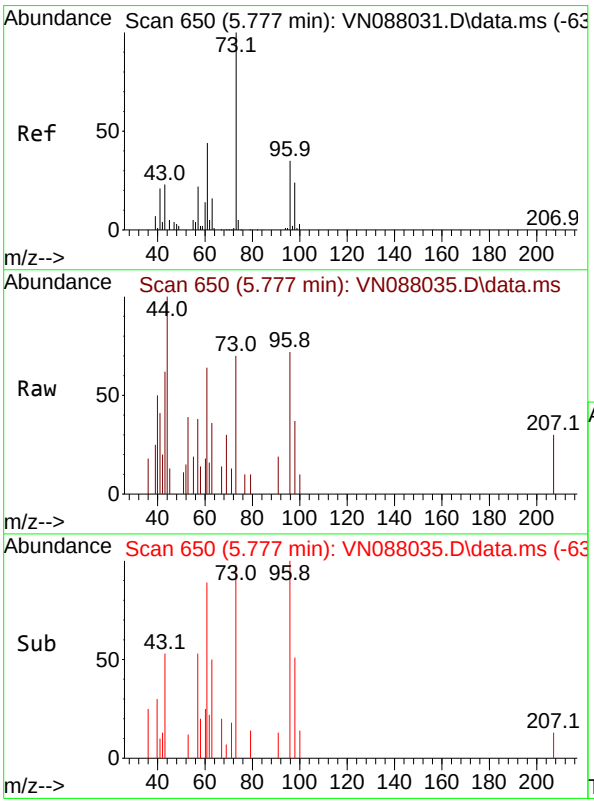
#18
Methylene Chloride
Concen: 0.252 ug/l
RT: 5.253 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1143

Ion	Ratio	Lower	Upper
84	100		
49	53.4	102.6	153.8#
51	33.6	28.6	42.8
86	20.6	48.2	72.2#

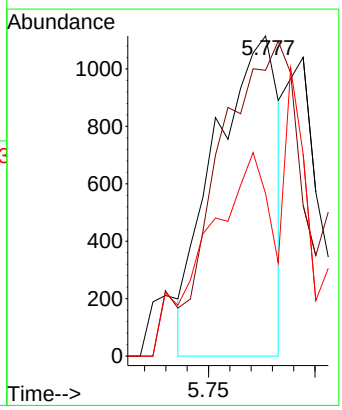


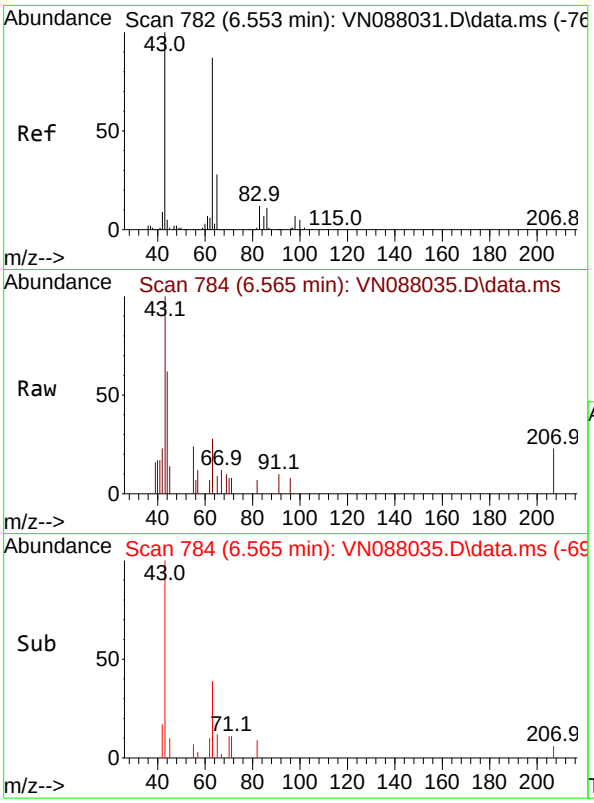


#19
trans-1,2-Dichloroethene
Concen: 0.558 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 96 Resp: 2300

Ion	Ratio	Lower	Upper
96	100		
61	90.4	100.6	151.0#
98	42.5	54.0	81.0#



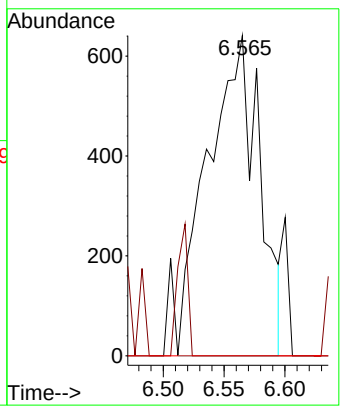


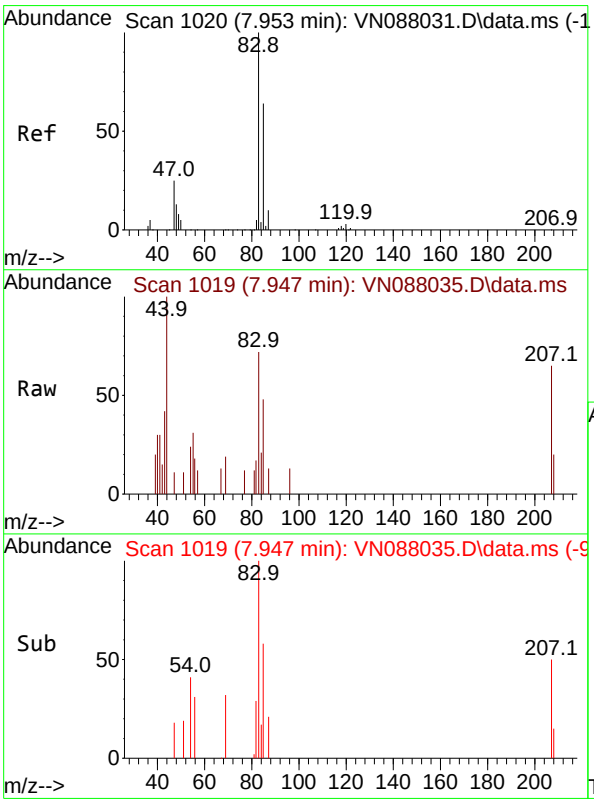
#21
1,1-Dichloroethane
Concen: 0.237 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 63 Resp: 1890

Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.3	12.8#
100	0.0	2.6	8.0#

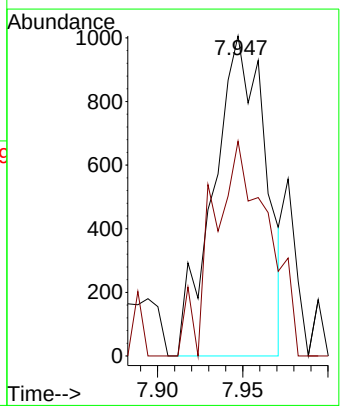


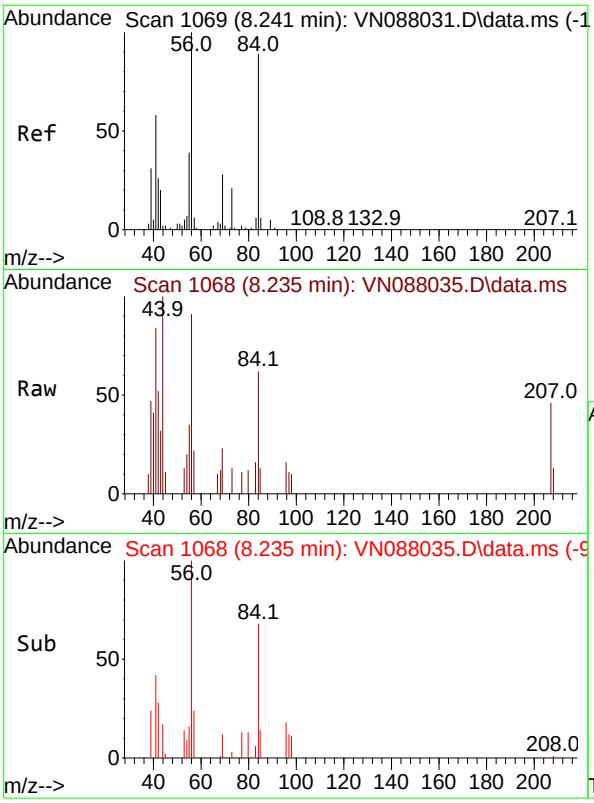


#25
Chloroform
Concen: 0.258 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 83 Resp: 2123

Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.9	76.3



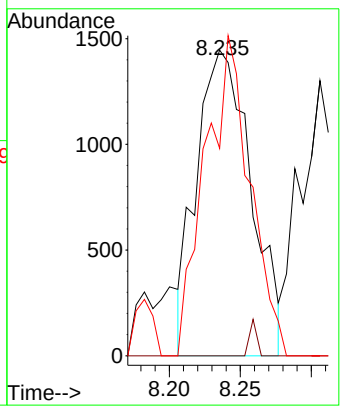


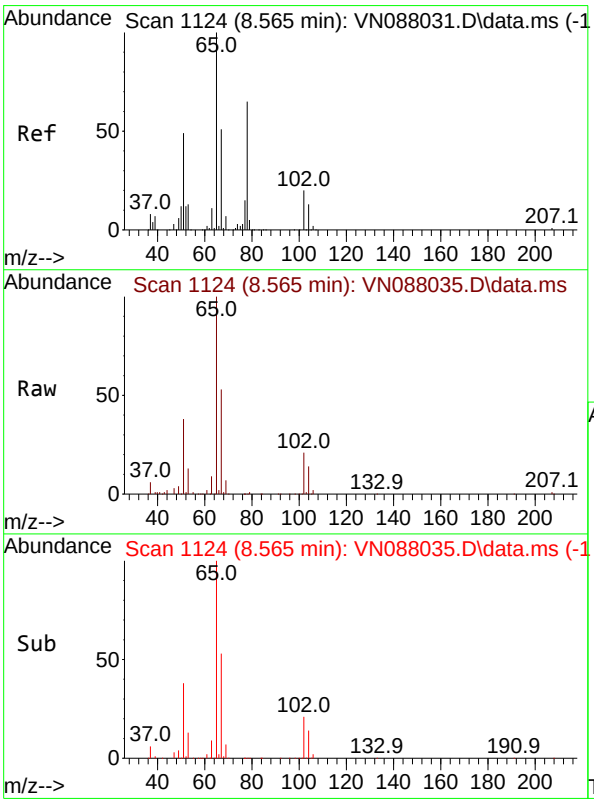
#26
Cyclohexane
Concen: 0.584 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 3861

Ion	Ratio	Lower	Upper
56	100		
89	0.0	8.6	12.8#
84	49.7	69.6	104.4#

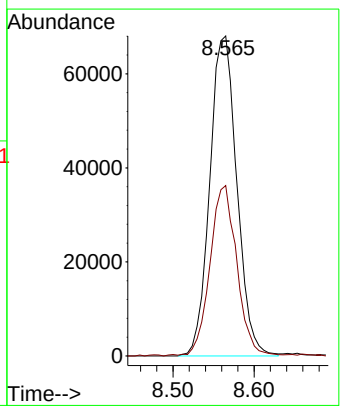


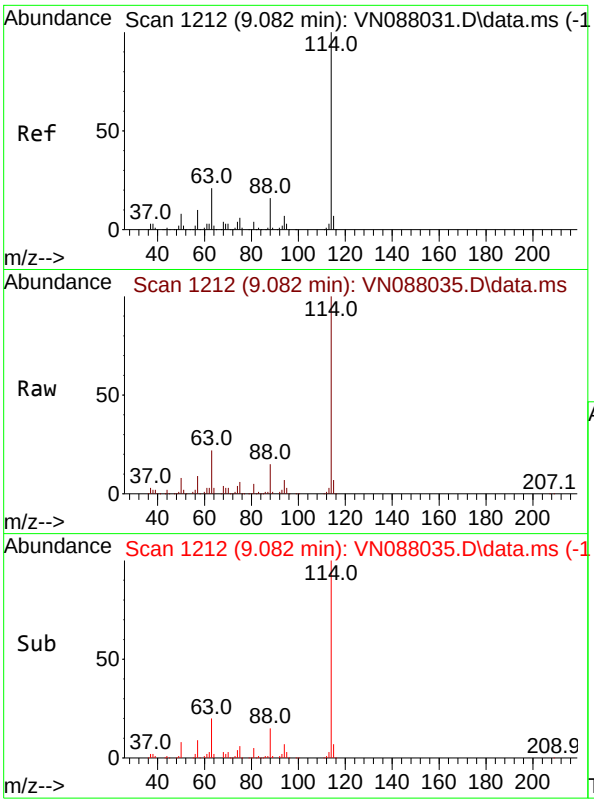


#27
1,2-Dichloroethane-d4
Concen: 29.901 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 65 Resp: 157895

Ion	Ratio	Lower	Upper
65	100		
67	52.5	41.9	62.9



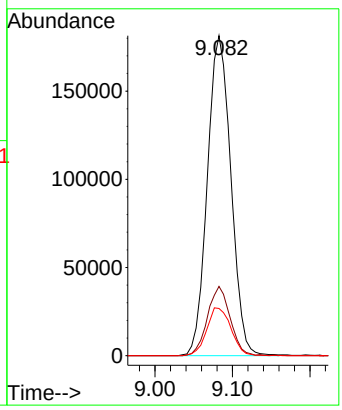


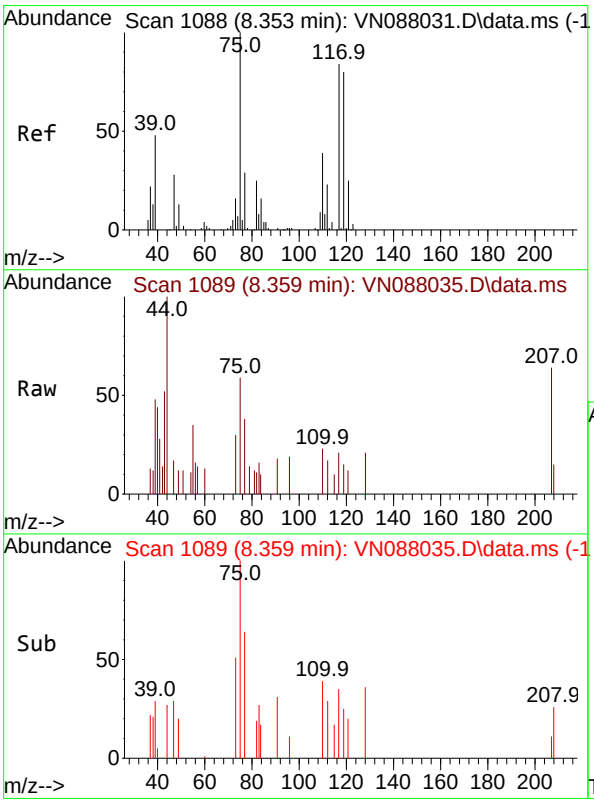
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 383340

Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.6	25.0
88	15.4	12.6	18.8

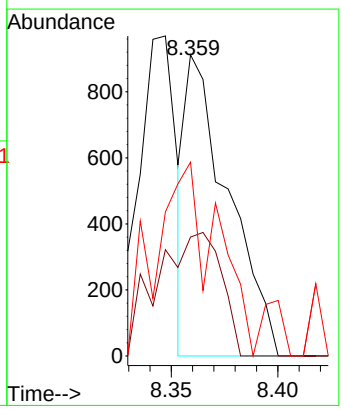


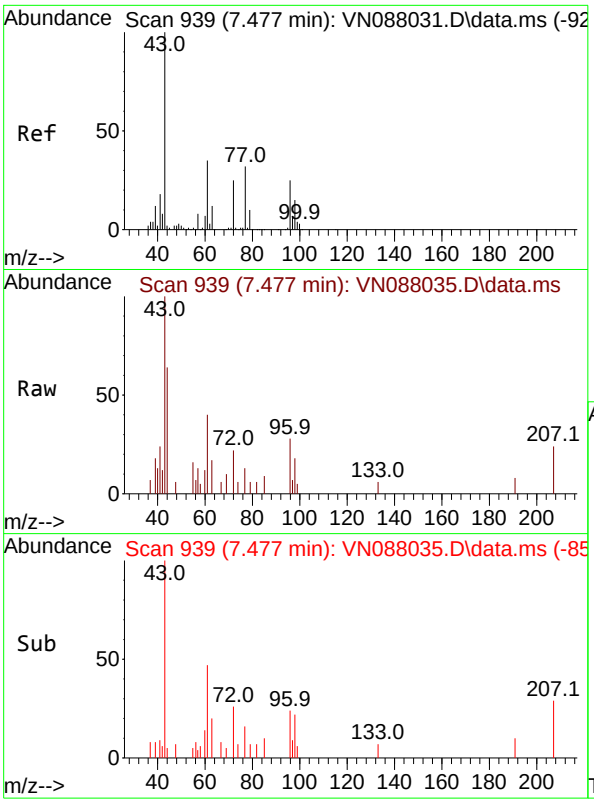


#29
1,1-Dichloropropene
Concen: 0.231 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 75 Resp: 1272

Ion	Ratio	Lower	Upper
75	100		
110	0.0	0.0	72.2
77	48.3	0.0	60.6



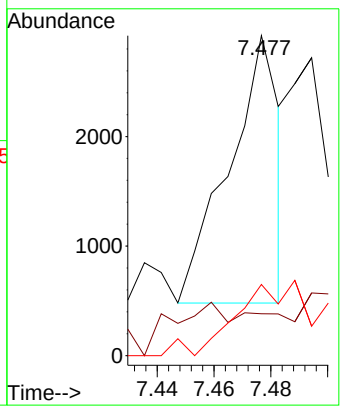


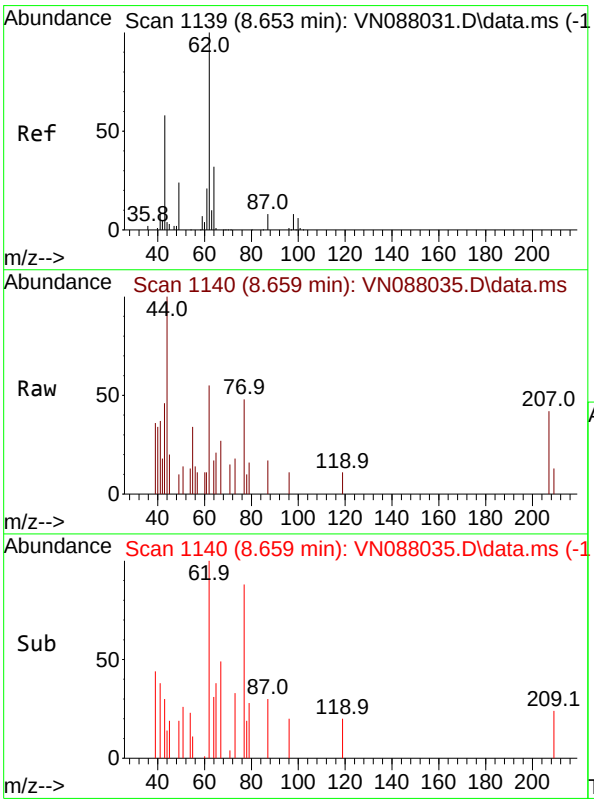
#30
2-Butanone
Concen: 0.739 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 2993

Ion	Ratio	Lower	Upper
43	100		
57	12.8	6.5	9.7#
72	23.7	21.4	32.2

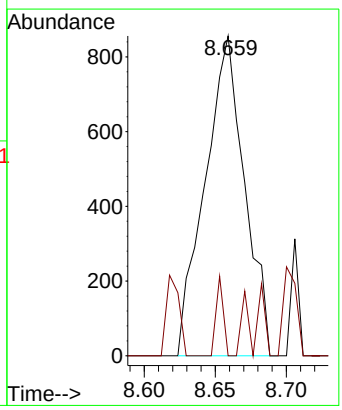


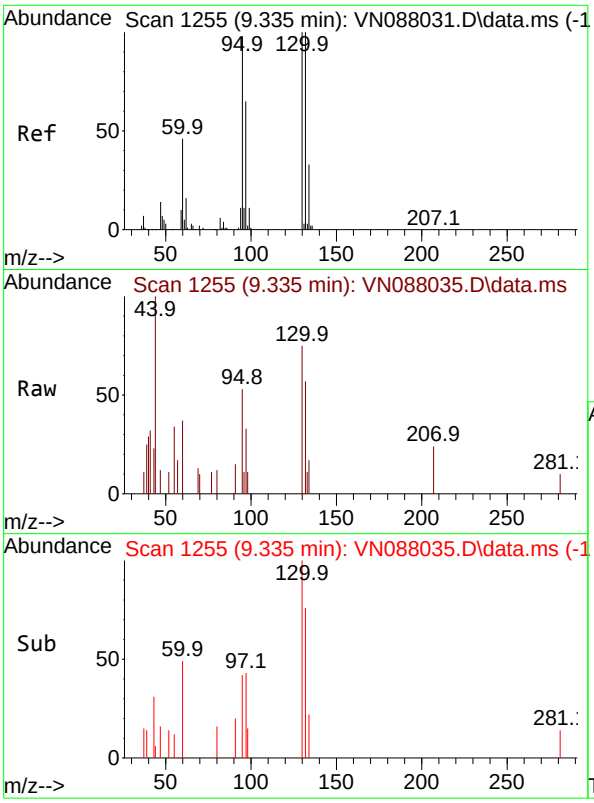


#36
1,2-Dichloroethane
Concen: 0.262 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 62 Resp: 1658

Ion	Ratio	Lower	Upper
62	100		
98	3.7	7.8	11.6#



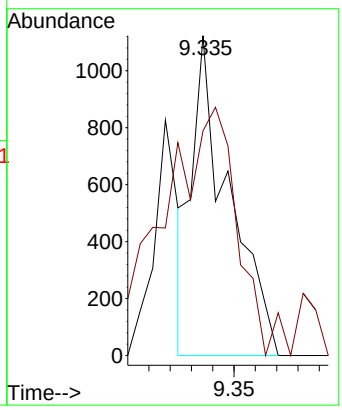


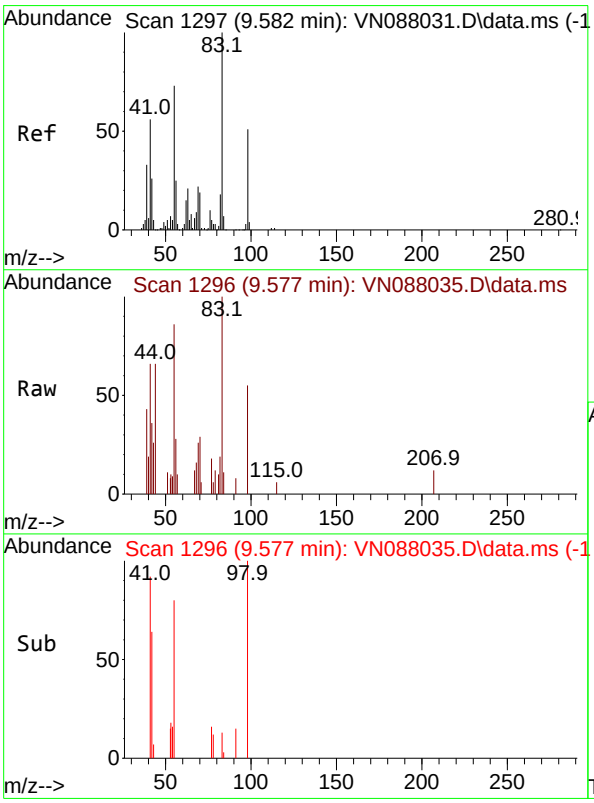
#37
Trichloroethene
Concen: 0.310 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:130 Resp: 1338

Ion	Ratio	Lower	Upper
130	100		
95	56.9	78.7	118.1#

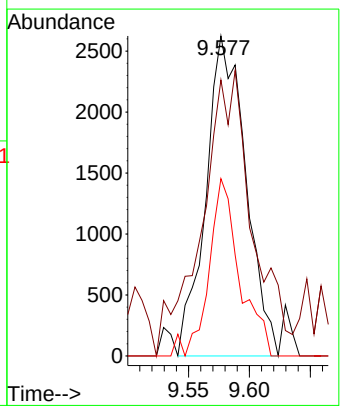


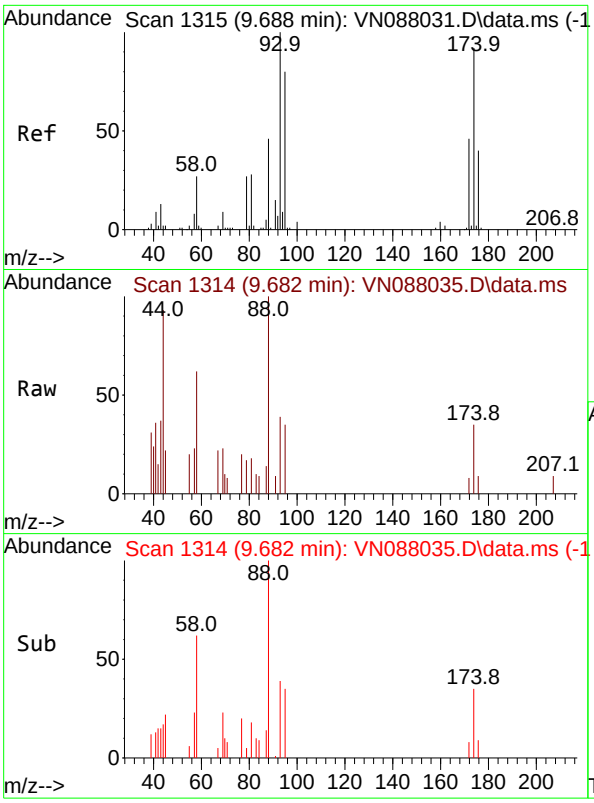


#38
Methylcyclohexane
Concen: 0.883 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 83 Resp: 5990

Ion	Ratio	Lower	Upper
83	100		
55	42.4	37.3	111.9
98	41.5	25.4	76.0



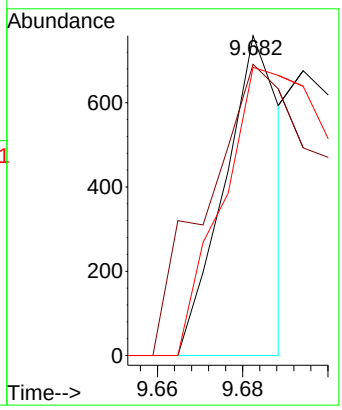


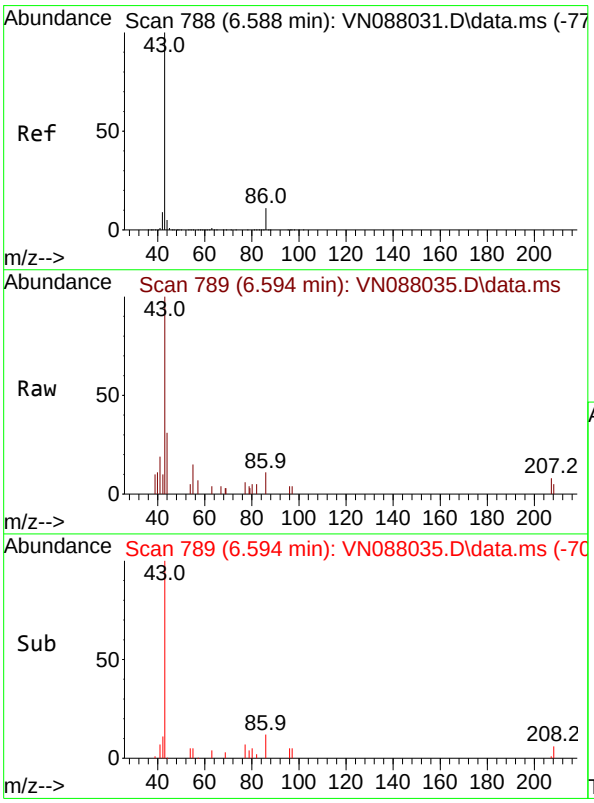
#40
Dibromomethane
Concen: 0.211 ug/l
RT: 9.682 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 93 Resp: 701

Ion	Ratio	Lower	Upper
93	100		
95	226.4	0.0	158.6#
174	195.4	0.0	180.8#

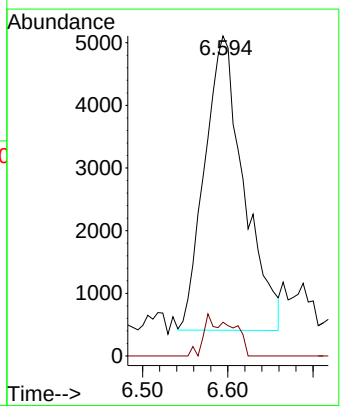


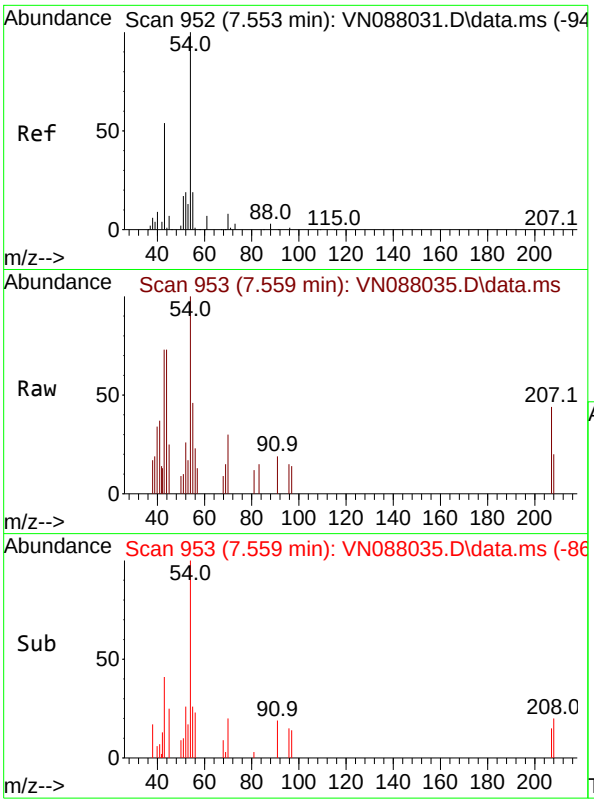


#42
Vinyl Acetate
Concen: 1.088 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 43 Resp: 15017

Ion	Ratio	Lower	Upper
43	100		
86	0.8	8.4	12.6#



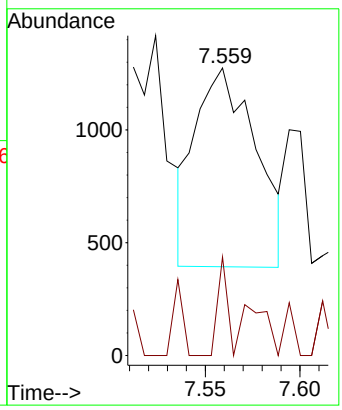


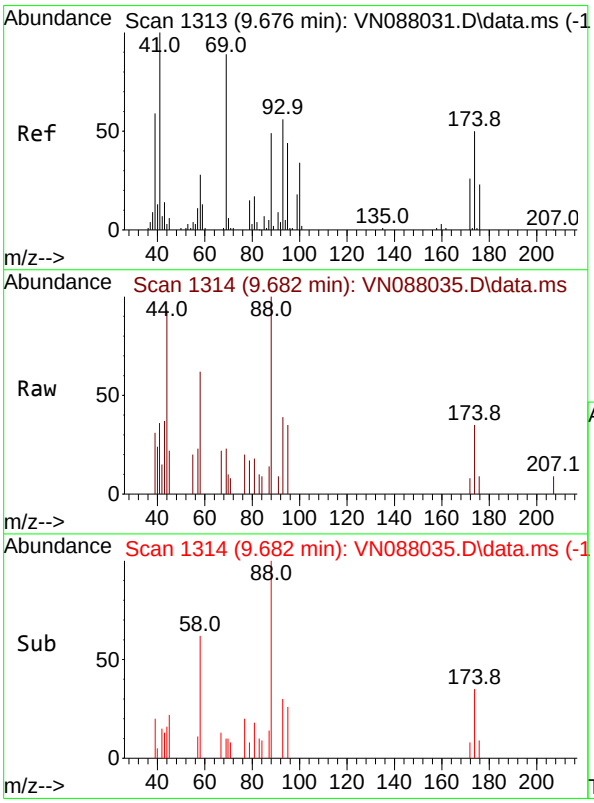
#43
Ethyl Acetate
Concen: 0.252 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1962

Ion	Ratio	Lower	Upper
43	100		
45	7.8	10.2	15.4#

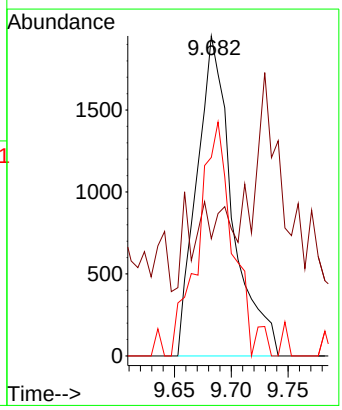


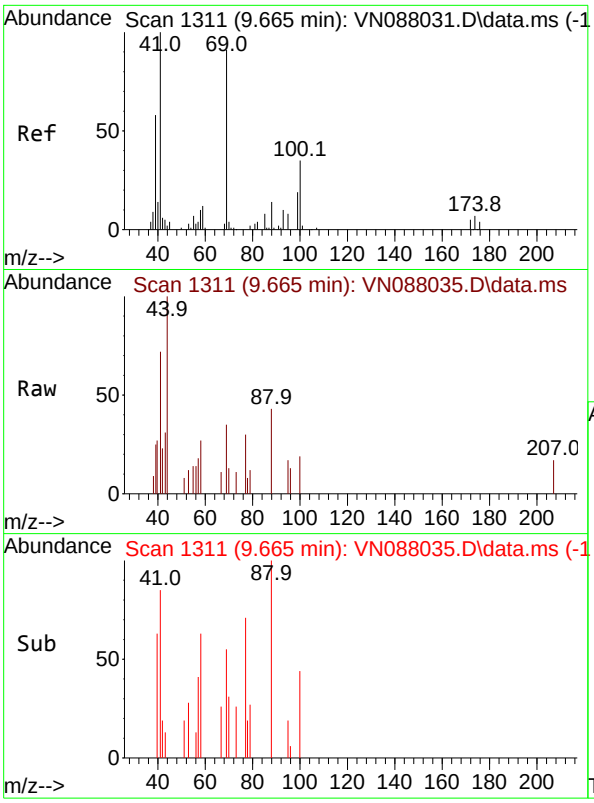


#45
1,4-Dioxane
Concen: 50.317 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 88 Resp: 4258

Ion	Ratio	Lower	Upper
88	100		
43	3.9	18.6	27.8#
58	64.3	57.4	86.2



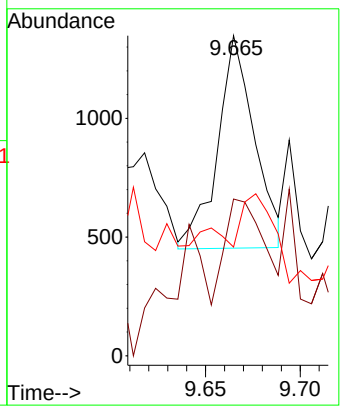


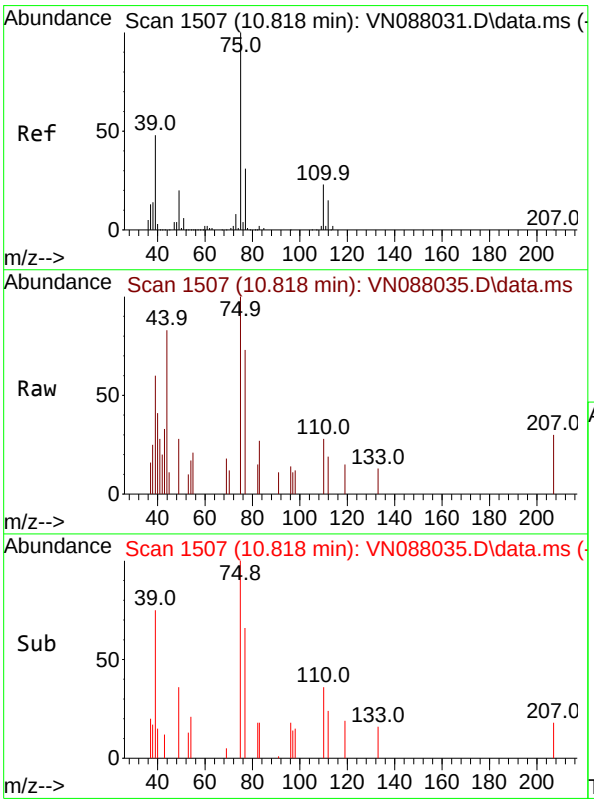
#46
Methyl methacrylate
Concen: 0.217 ug/l
RT: 9.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 41 Resp: 1214

Ion	Ratio	Lower	Upper
41	100		
69	48.6	44.9	134.7
39	57.7	30.3	90.8

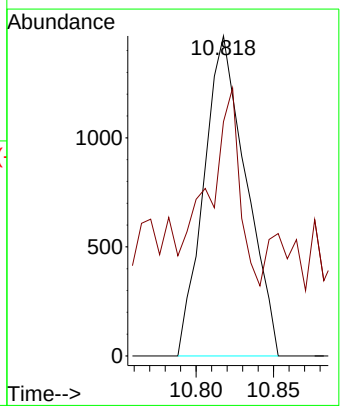


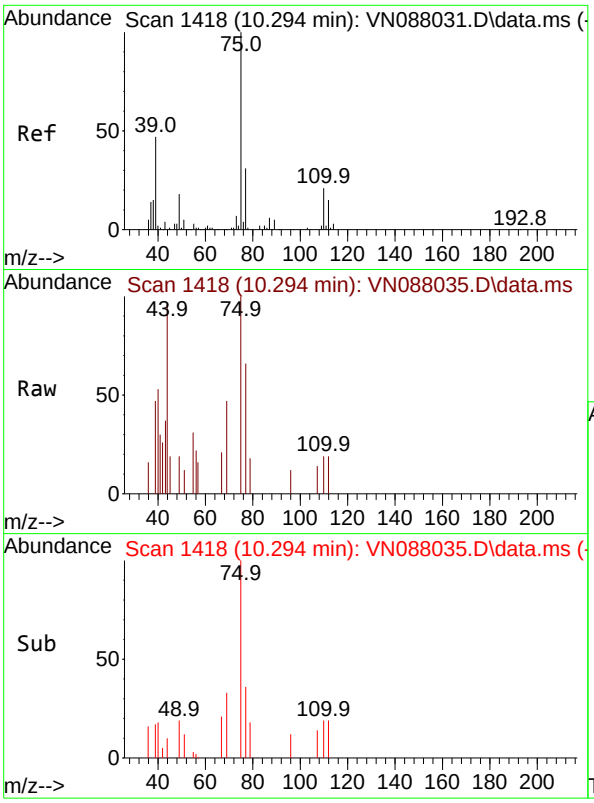


#48
t-1,3-Dichloropropene
Concen: 0.368 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 75 Resp: 2780

Ion	Ratio	Lower	Upper
75	100		
77	41.9	24.5	36.7#



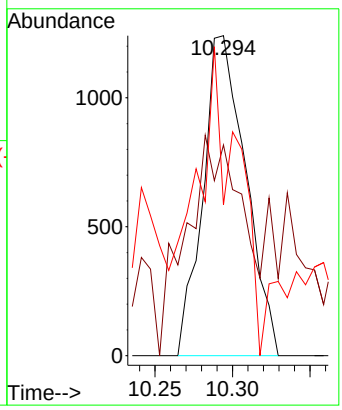


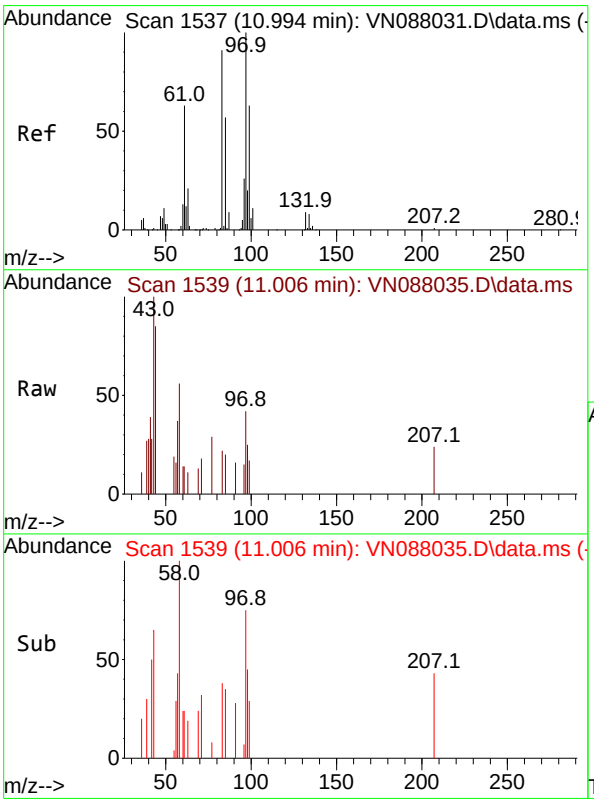
#49
cis-1,3-Dichloropropene
Concen: 0.302 ug/l
RT: 10.294 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 2376

Ion	Ratio	Lower	Upper
75	100		
77	41.7	25.0	37.4#
39	23.9	37.4	56.0#

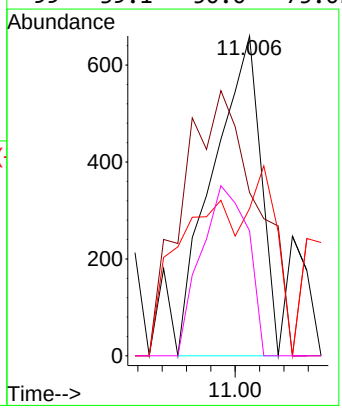


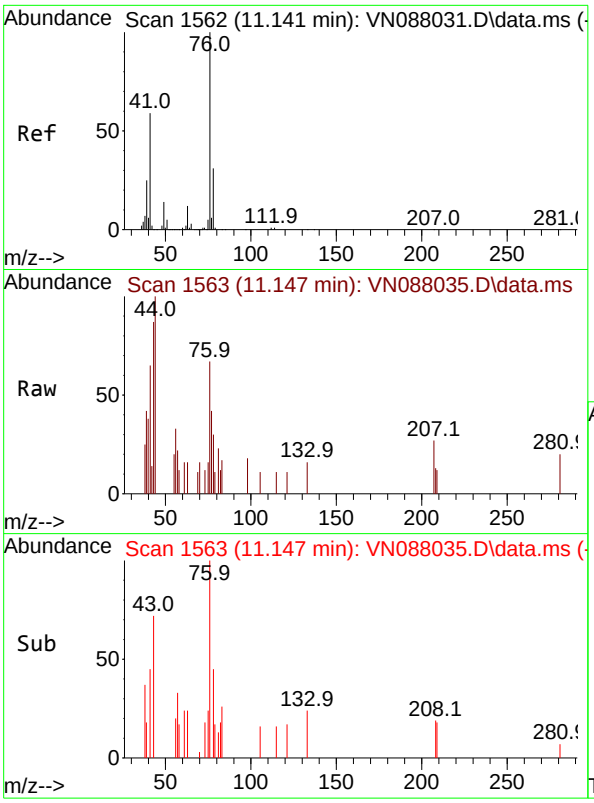


#50
1,1,2-Trichloroethane
Concen: 0.205 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 97 Resp: 901

Ion	Ratio	Lower	Upper
97	100		
83	15.9	72.5	108.7#
85	12.0	45.5	68.3#
99	39.1	50.0	75.0#



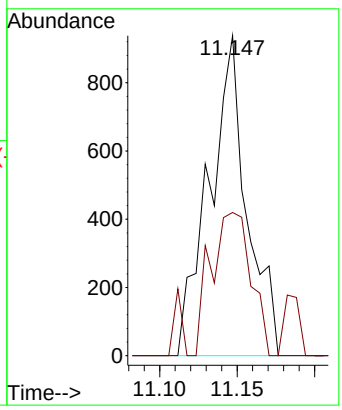


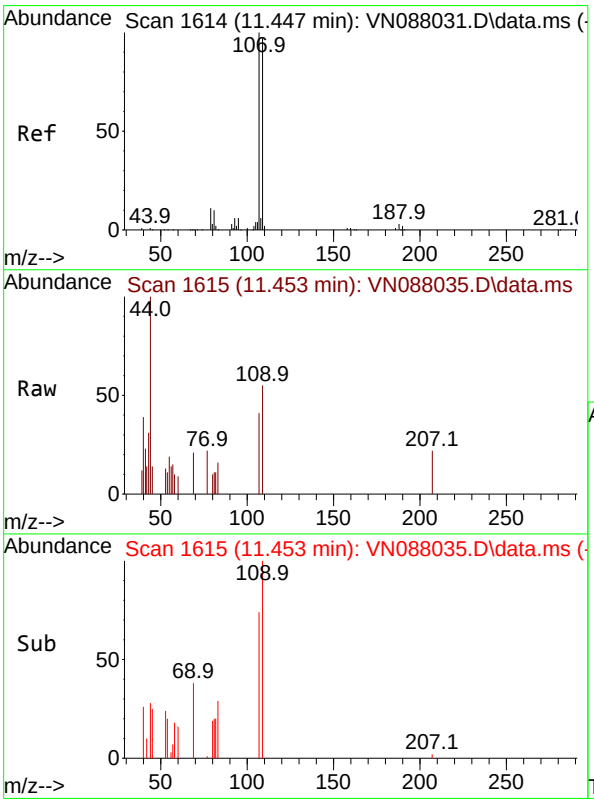
#52
1,3-Dichloropropane
Concen: 0.206 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 76 Resp: 1584

Ion	Ratio	Lower	Upper
76	100		
78	48.0	0.0	65.0

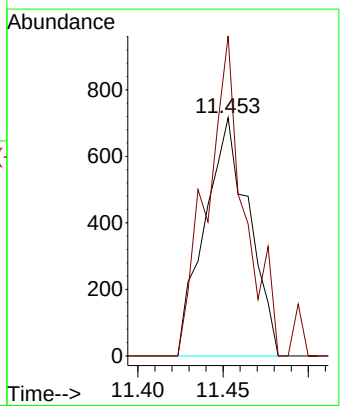


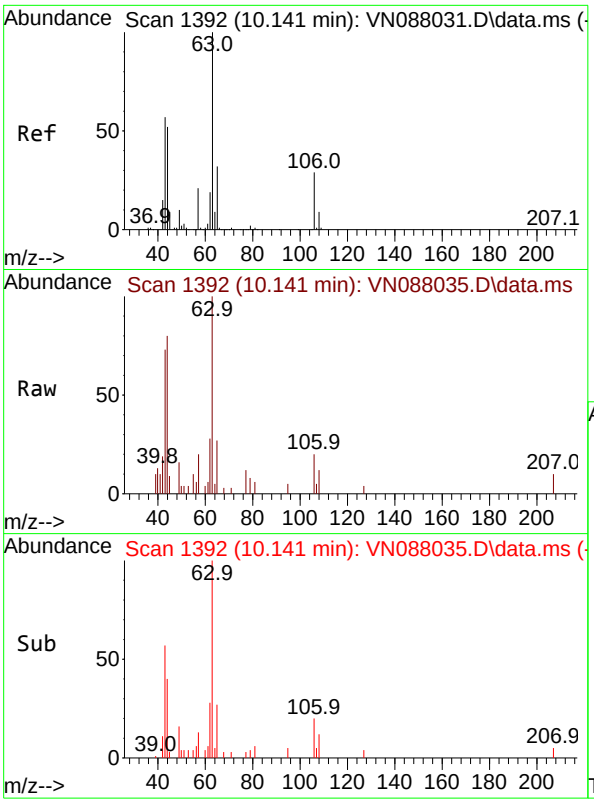


#54
1,2-Dibromoethane
Concen: 0.274 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:107 Resp: 1290

Ion	Ratio	Lower	Upper
107	100		
109	113.3	75.5	113.3#



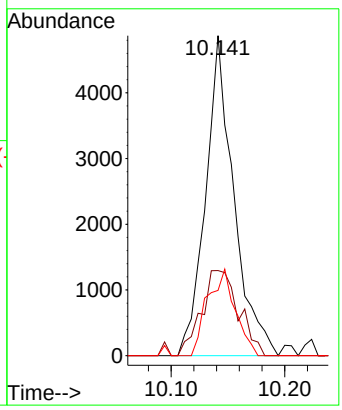


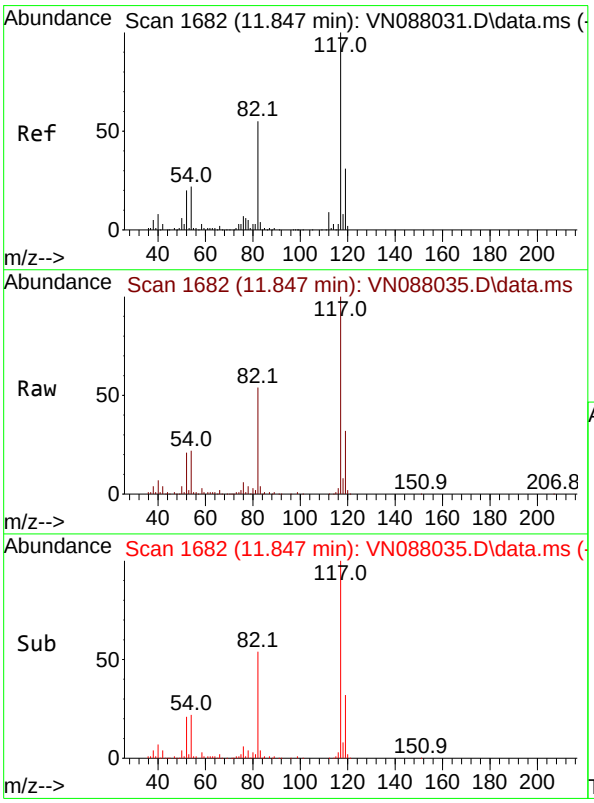
#55
2-Chloroethyl vinyl ether
Concen: 2.089 ug/l
RT: 10.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 63 Resp: 8407

Ion	Ratio	Lower	Upper
63	100		
65	35.1	25.7	38.5
106	17.8	22.6	34.0#

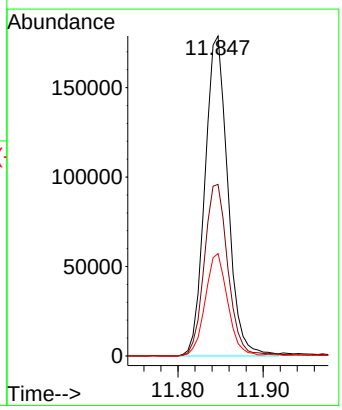


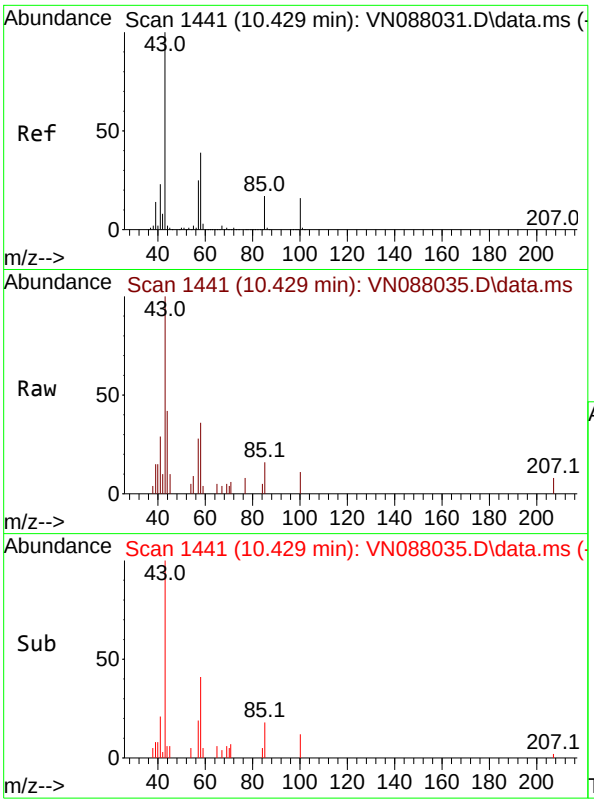


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:117 Resp: 334900

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.2	67.8
119	31.5	25.9	38.9



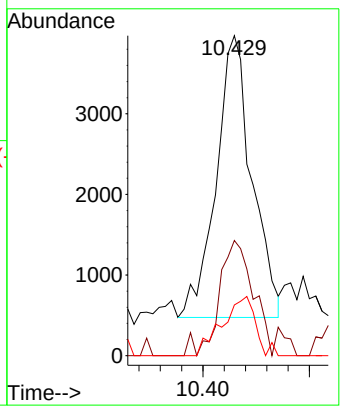


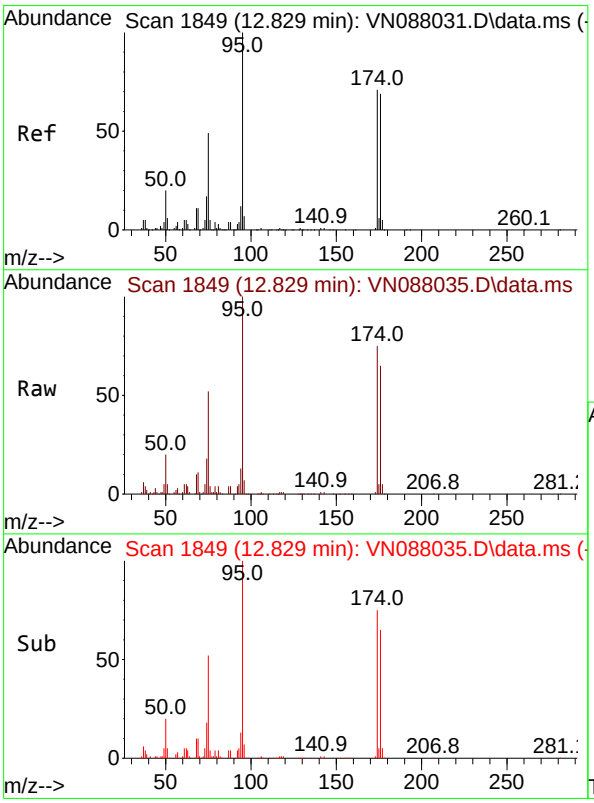
#58
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 8120

Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.2	46.8
85	14.0	13.7	20.5

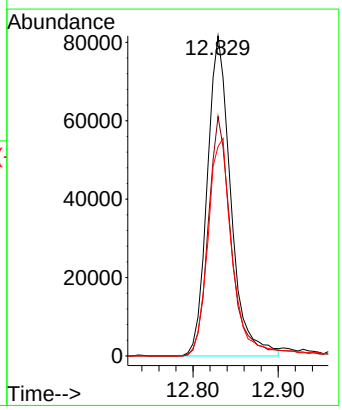


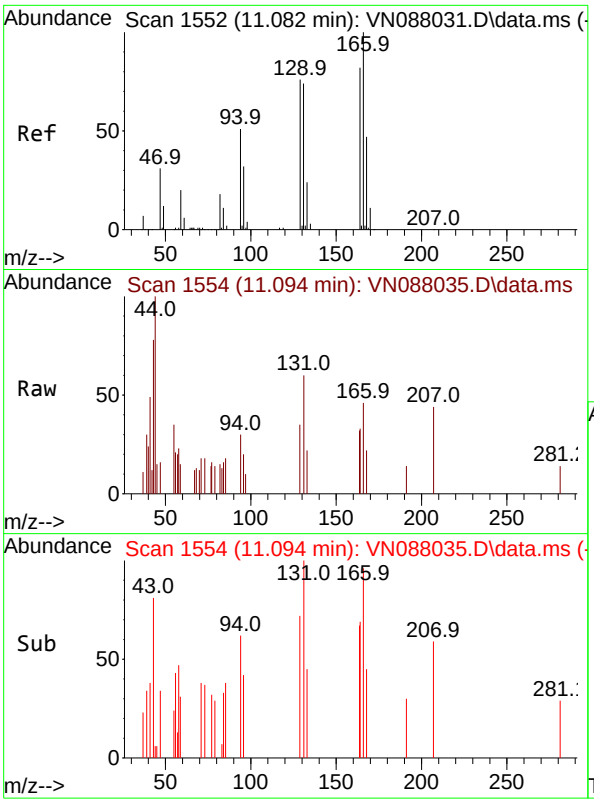


#60
4-Bromofluorobenzene
Concen: 28.408 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 95 Resp: 156839

Ion	Ratio	Lower	Upper
95	100		
174	74.2	57.4	86.0
176	70.3	57.0	85.4



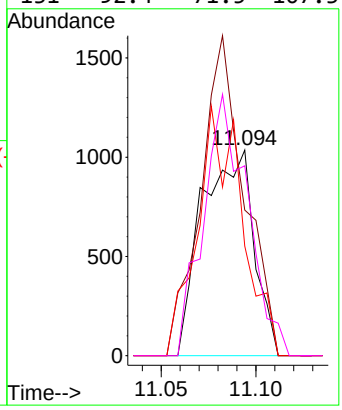


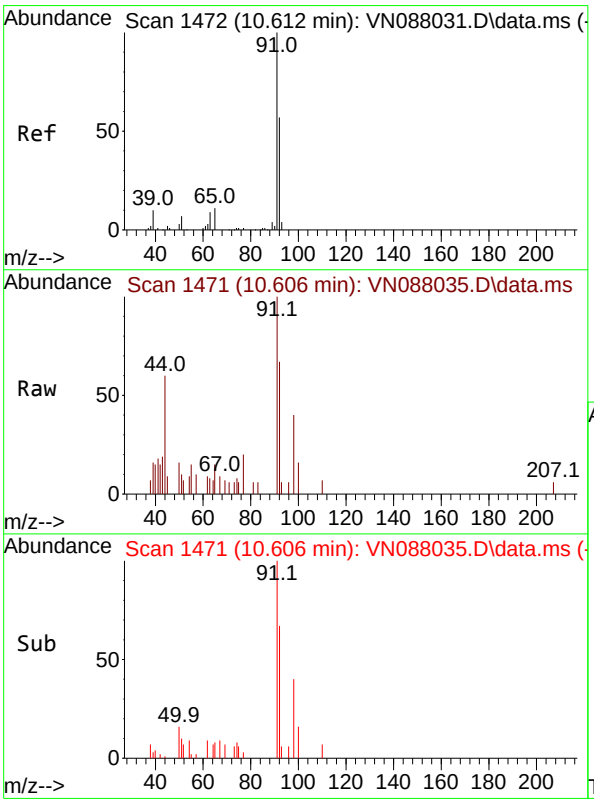
#61
Tetrachloroethene
Concen: 0.580 ug/l
RT: 11.094 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 1968

Ion	Ratio	Lower	Upper
164	100		
166	70.8	97.2	145.8#
129	53.3	73.7	110.5#
131	92.4	71.5	107.3

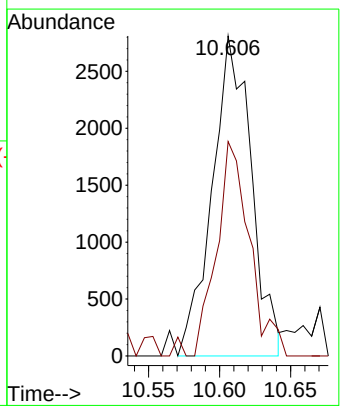


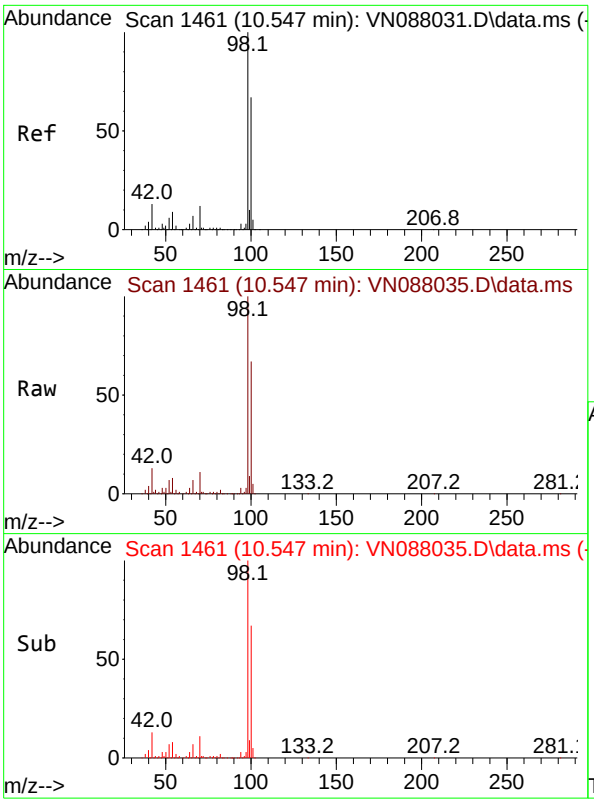


#62
Toluene
Concen: 0.283 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 91 Resp: 5385

Ion	Ratio	Lower	Upper
91	100		
92	52.7	45.8	68.8



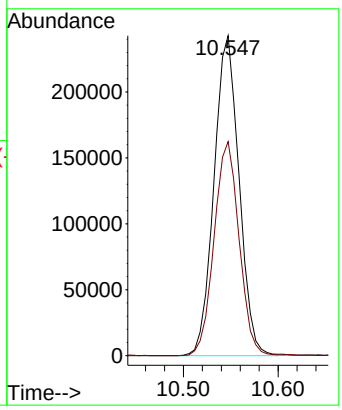


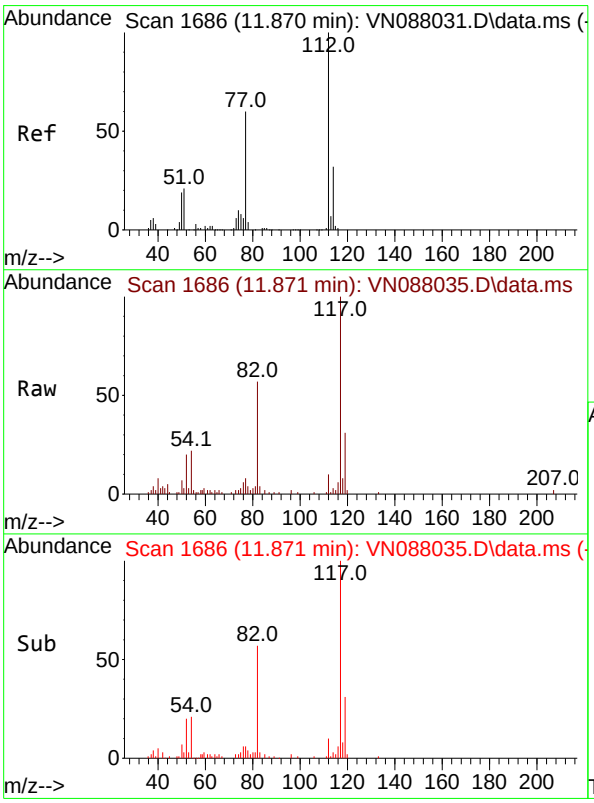
#63
Toluene-d8
Concen: 29.891 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 446011

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7

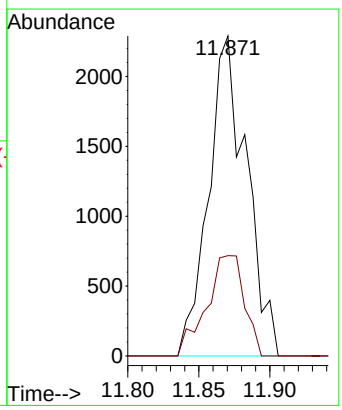


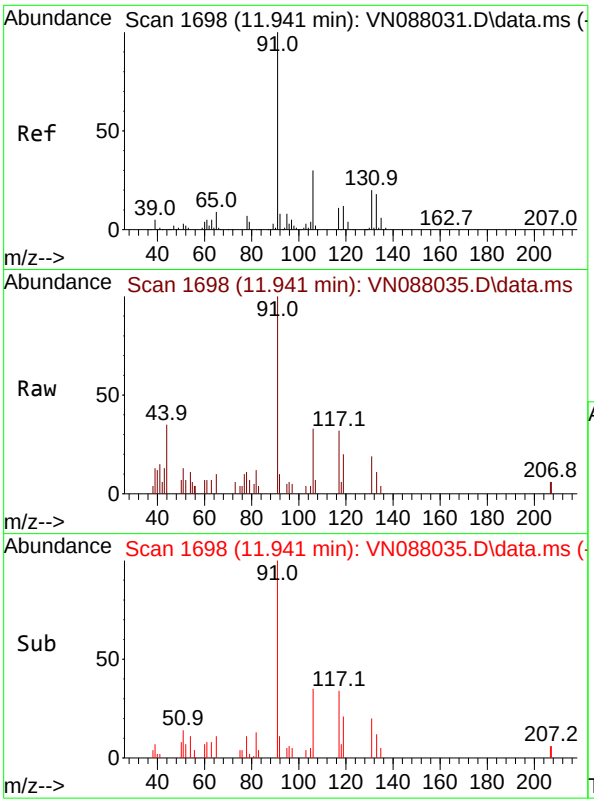


#64
Chlorobenzene
Concen: 0.350 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:112 Resp: 4252

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.7	38.5



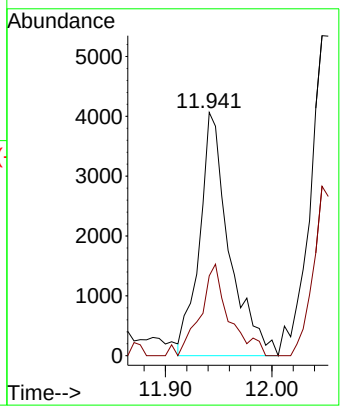


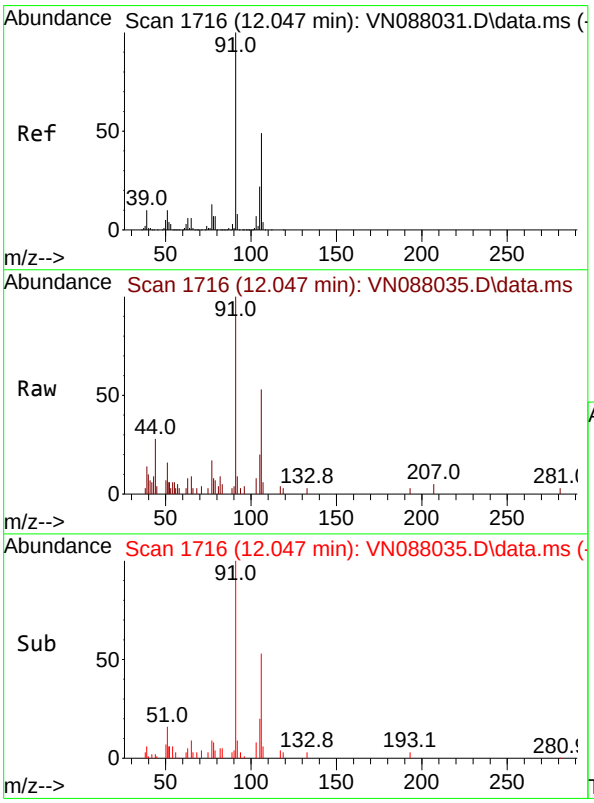
#66
Ethyl Benzene
Concen: 0.381 ug/l
RT: 11.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 7862

Ion	Ratio	Lower	Upper
91	100		
106	32.8	24.0	36.0

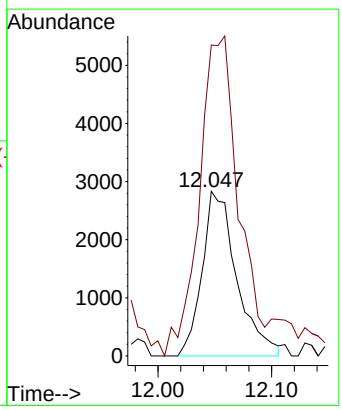


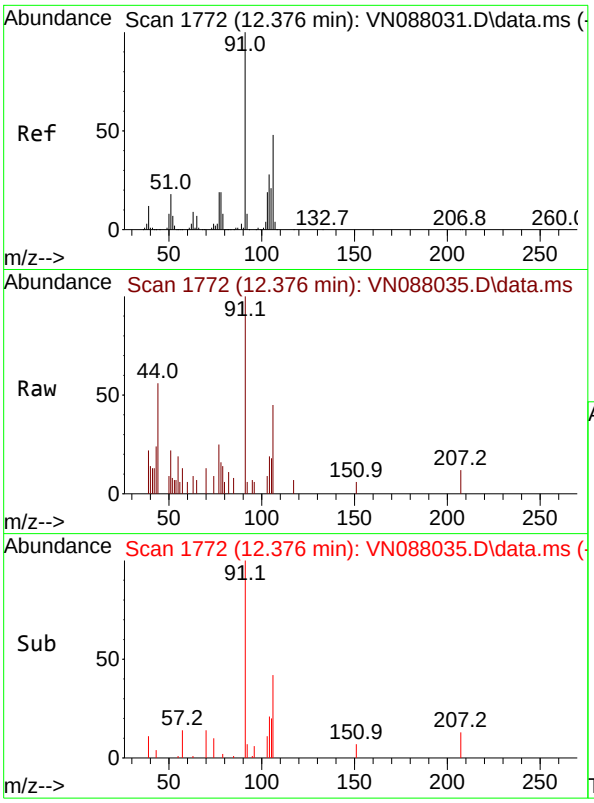


#67
m/p-Xylenes
Concen: 0.754 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:106 Resp: 6004

Ion	Ratio	Lower	Upper
106	100		
91	217.4	161.4	242.0



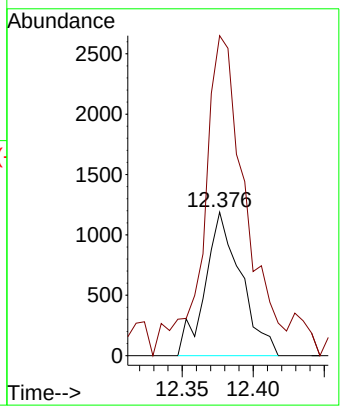


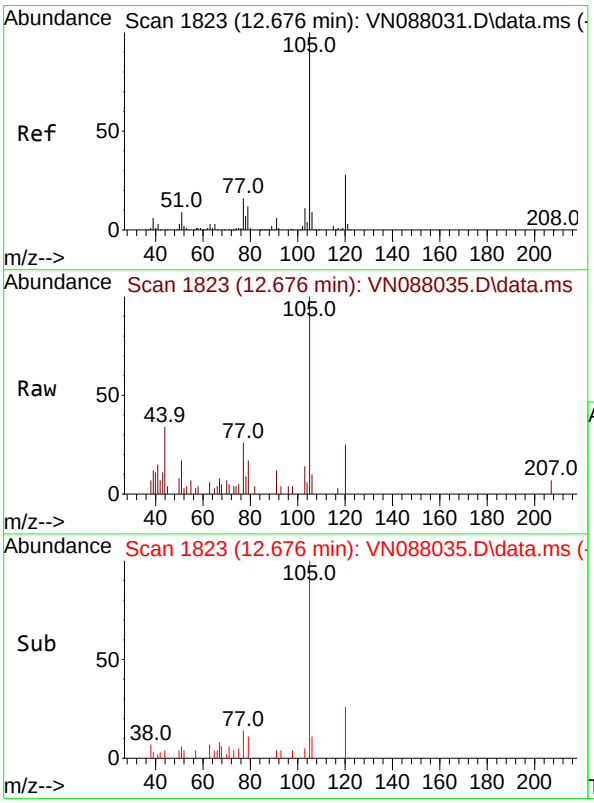
#68
o-Xylene
Concen: 0.262 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 2078

Ion	Ratio	Lower	Upper
106	100		
91	202.6	105.2	315.6

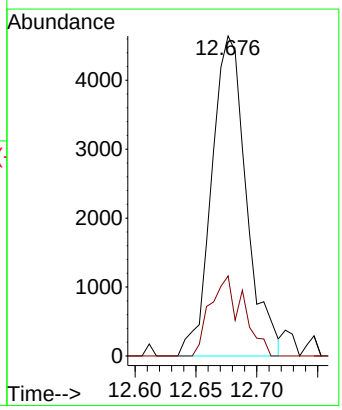


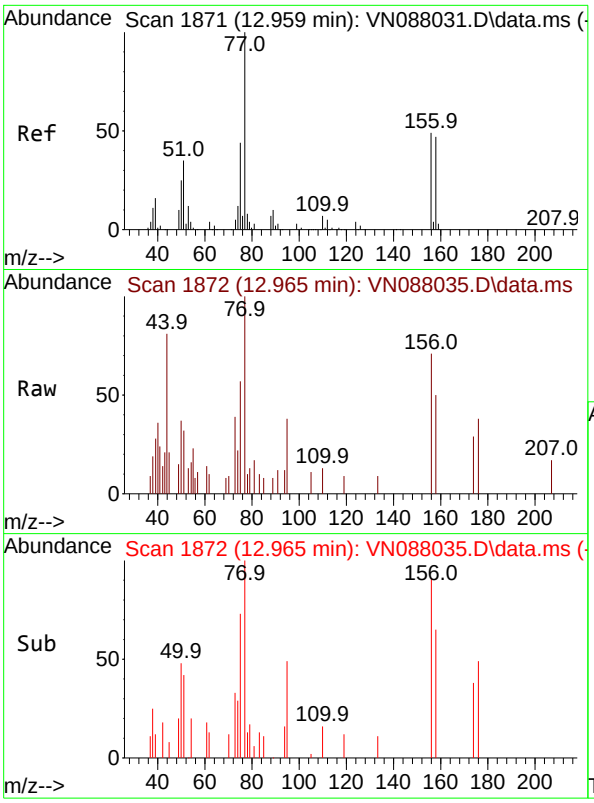


#70
Isopropylbenzene
Concen: 0.473 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:105 Resp: 9191

Ion	Ratio	Lower	Upper
105	100		
120	16.7	19.1	35.5#



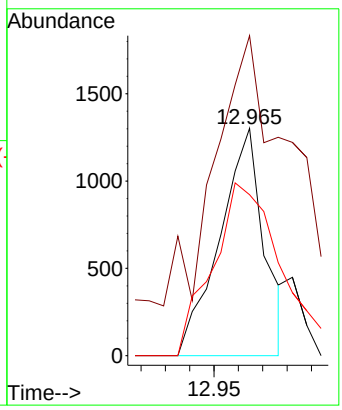


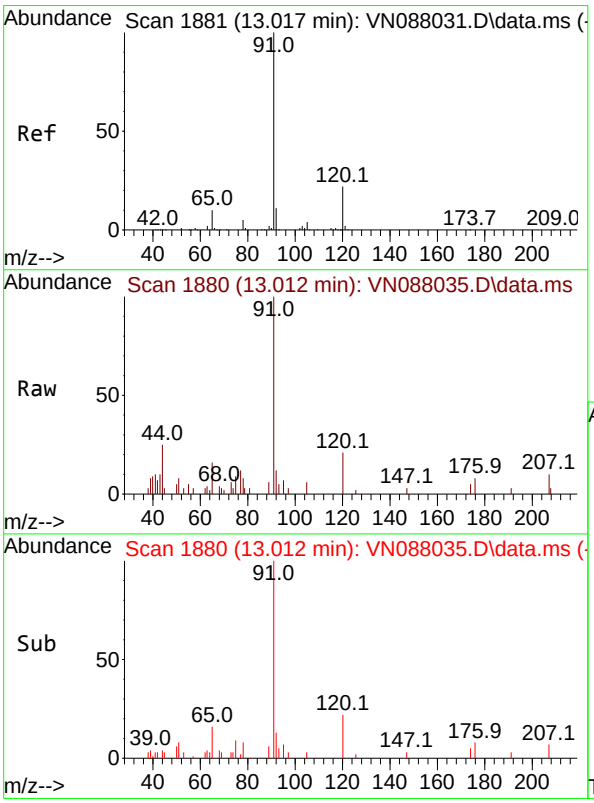
#73
Bromobenzene
Concen: 0.347 ug/l
RT: 12.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:156 Resp: 1647

Ion	Ratio	Lower	Upper
156	100		
77	112.4	0.0	439.8
158	115.8	0.0	190.0

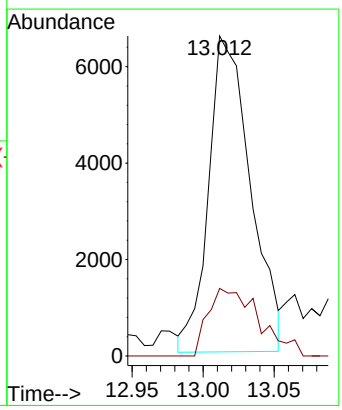


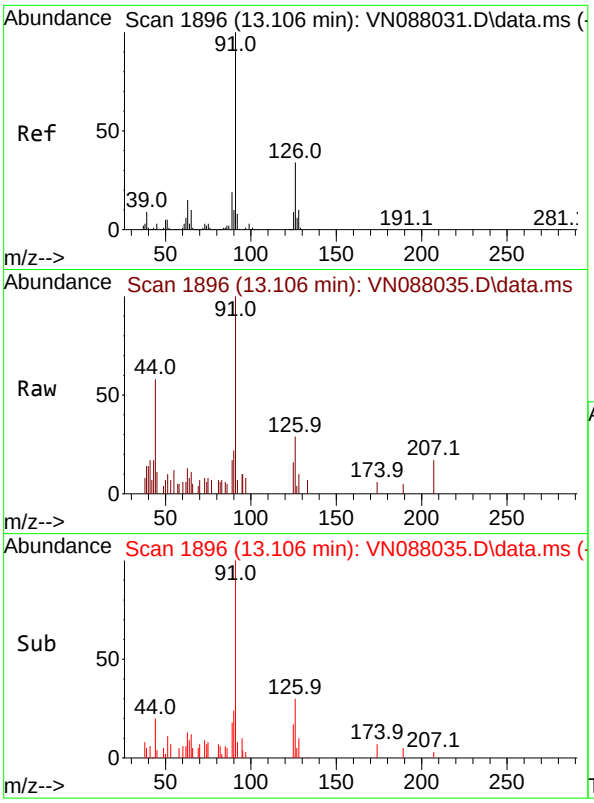


#74
n-propylbenzene
Concen: 0.574 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 91 Resp: 13455

Ion	Ratio	Lower	Upper
91	100		
120	25.2	0.0	46.2



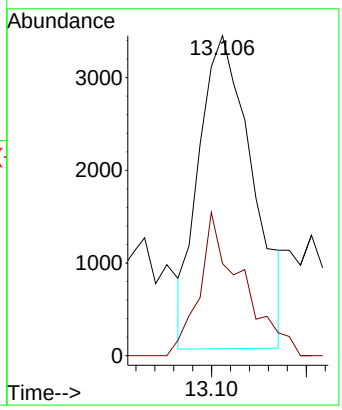


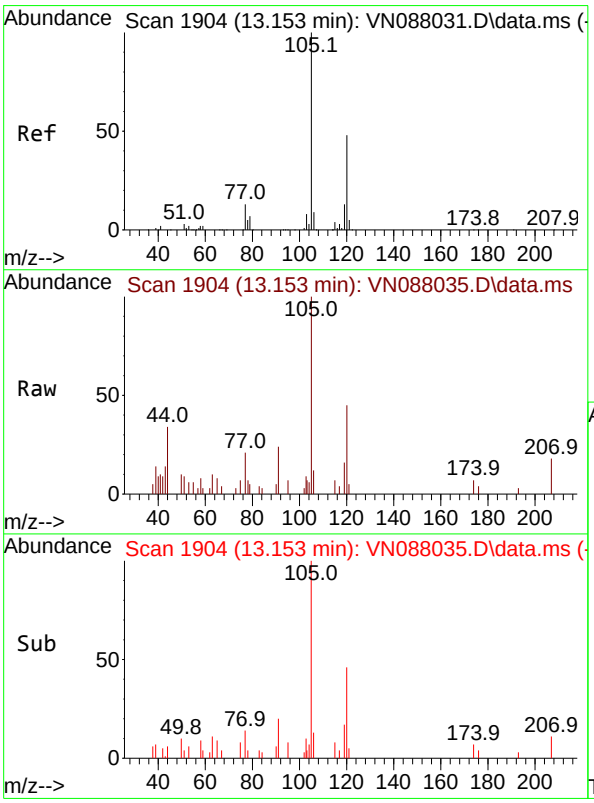
#75
2-Chlorotoluene
Concen: 0.464 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 6648

Ion	Ratio	Lower	Upper
91	100		
126	24.6	0.0	66.6

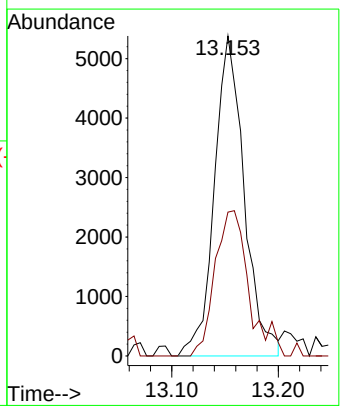


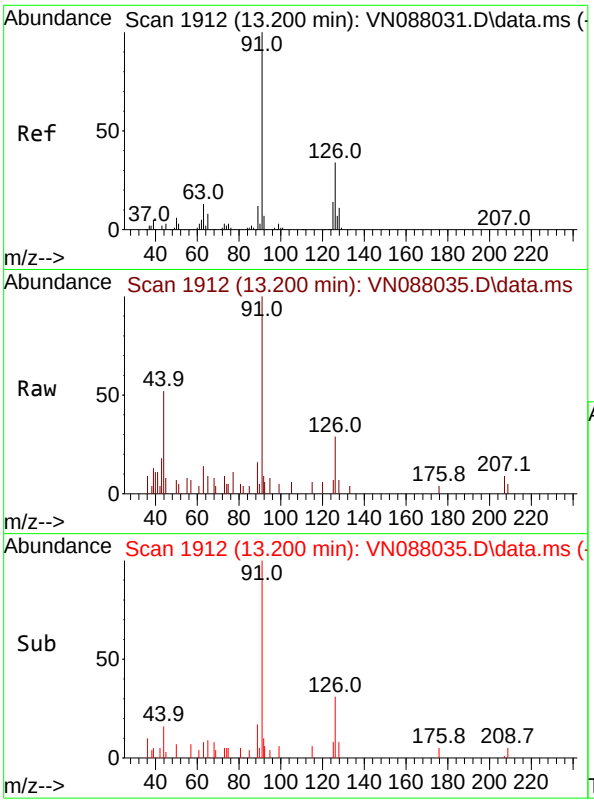


#76
1,3,5-Trimethylbenzene
Concen: 0.633 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:105 Resp: 10448

Ion	Ratio	Lower	Upper
105	100		
120	48.6	0.0	100.6



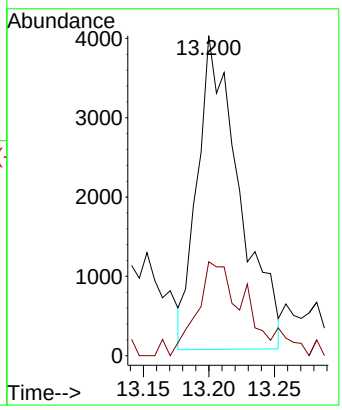


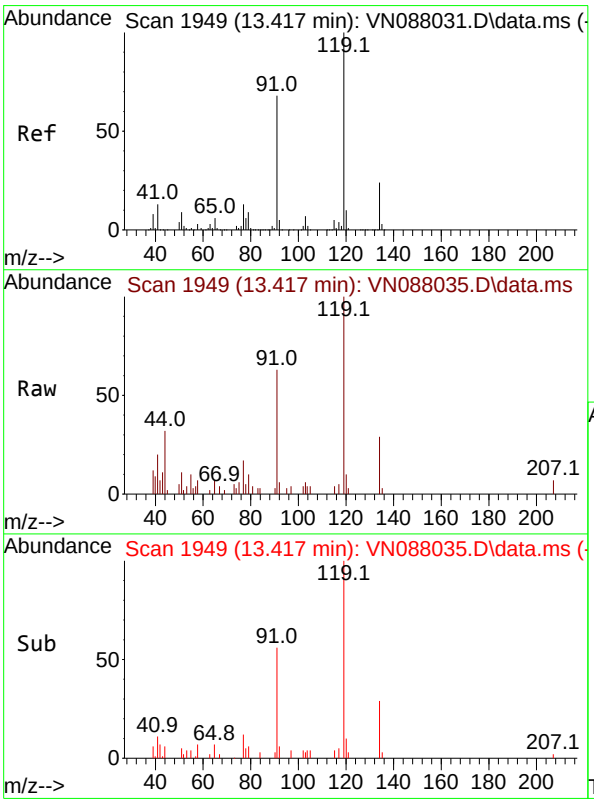
#78
4-Chlorotoluene
Concen: 0.604 ug/l
RT: 13.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 8805

Ion	Ratio	Lower	Upper
91	100		
126	25.0	0.0	68.8

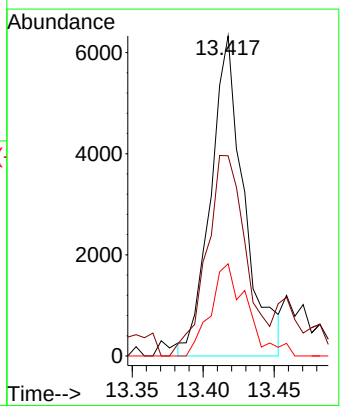


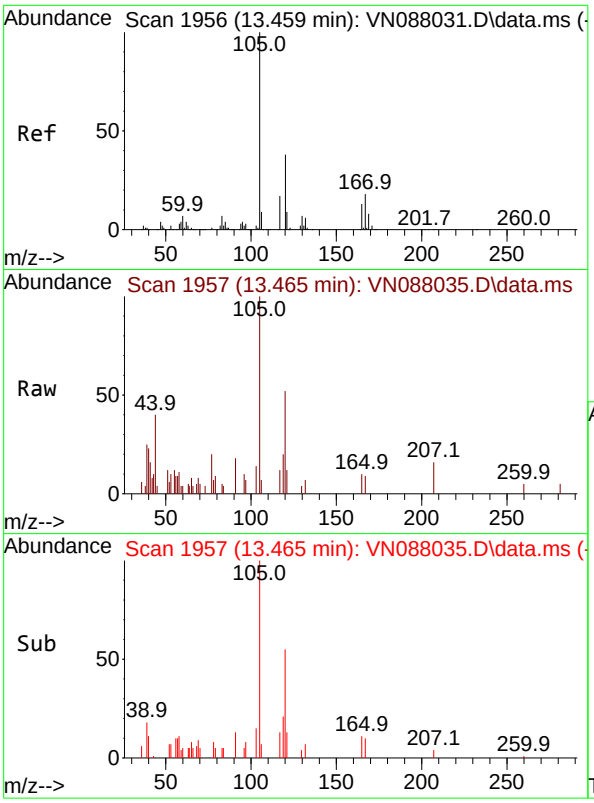


#79
tert-butylbenzene
Concen: 0.725 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:119 Resp: 10367

Ion	Ratio	Lower	Upper
119	100		
91	73.3	0.0	132.4
134	29.1	0.0	48.6



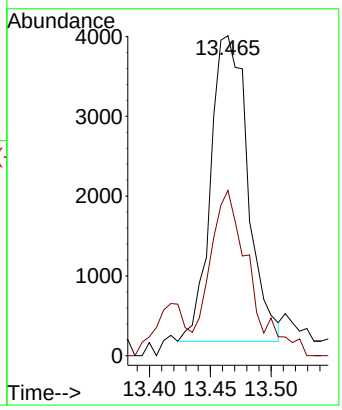


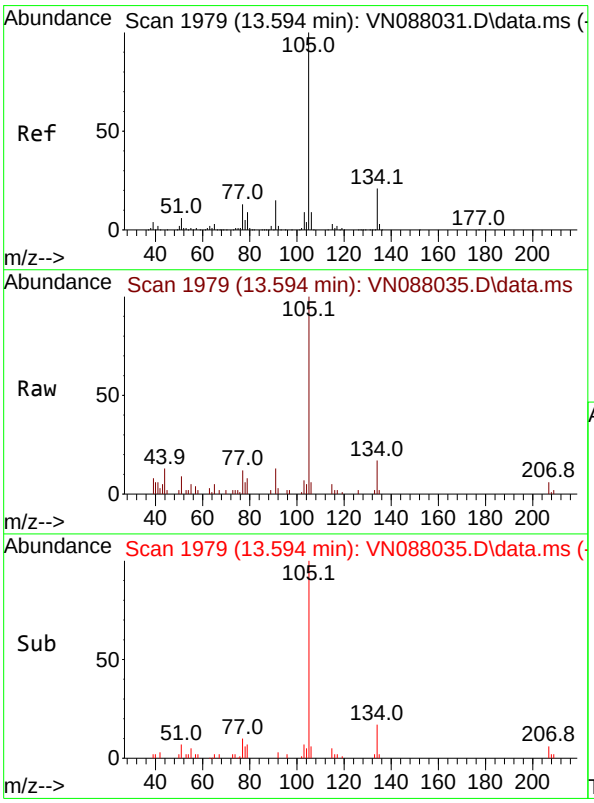
#80
1,2,4-Trimethylbenzene
Concen: 0.492 ug/l
RT: 13.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 8130

Ion	Ratio	Lower	Upper
105	100		
120	47.3	0.0	93.8

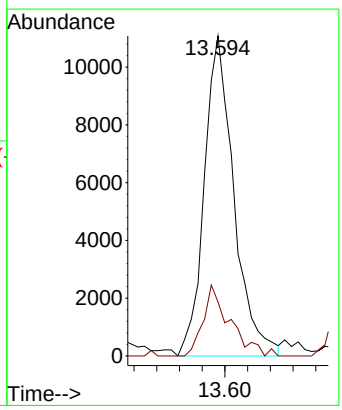


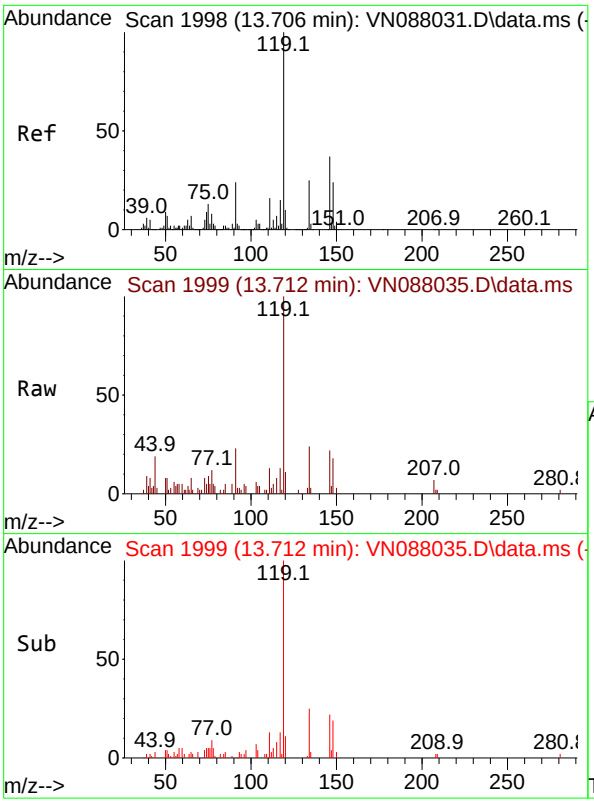


#81
sec-Butylbenzene
Concen: 0.997 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:105 Resp: 20054

Ion	Ratio	Lower	Upper
105	100		
134	18.1	0.0	41.2



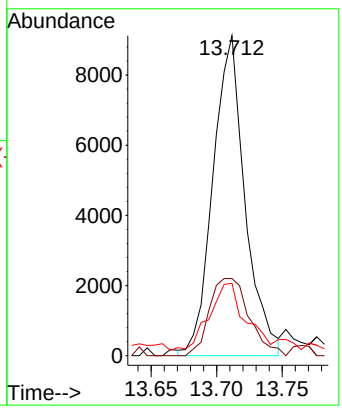


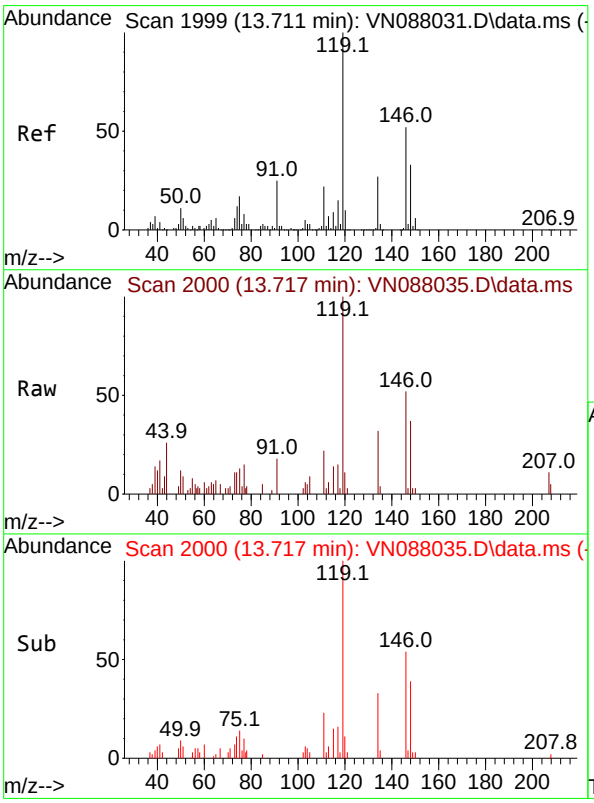
#82
p-Isopropyltoluene
Concen: 0.901 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 15482

Ion	Ratio	Lower	Upper
119	100		
134	29.9	0.0	52.6
91	23.5	0.0	48.2

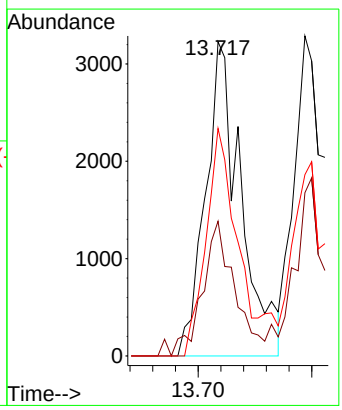


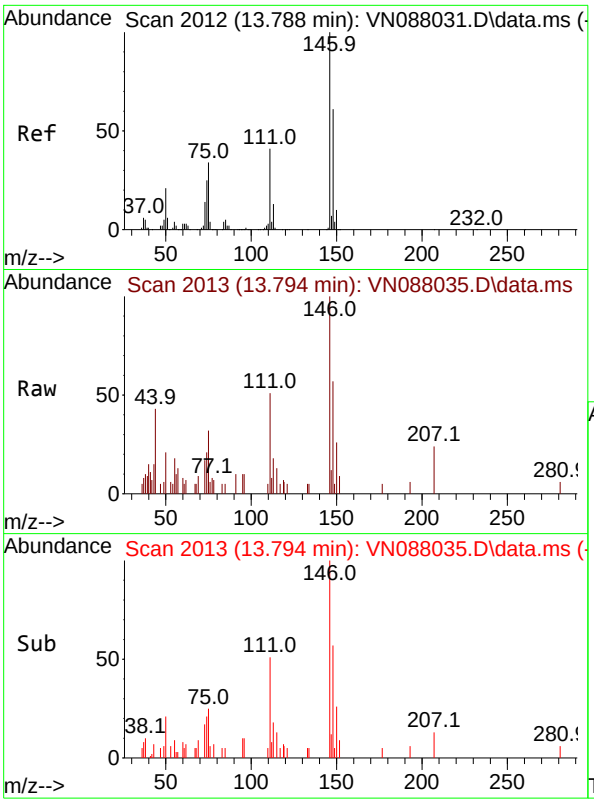


#83
1,3-Dichlorobenzene
Concen: 0.780 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:146 Resp: 6970

Ion	Ratio	Lower	Upper
146	100		
111	36.4	21.1	63.1
148	60.5	31.5	94.5



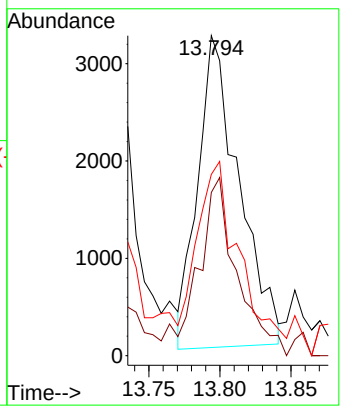


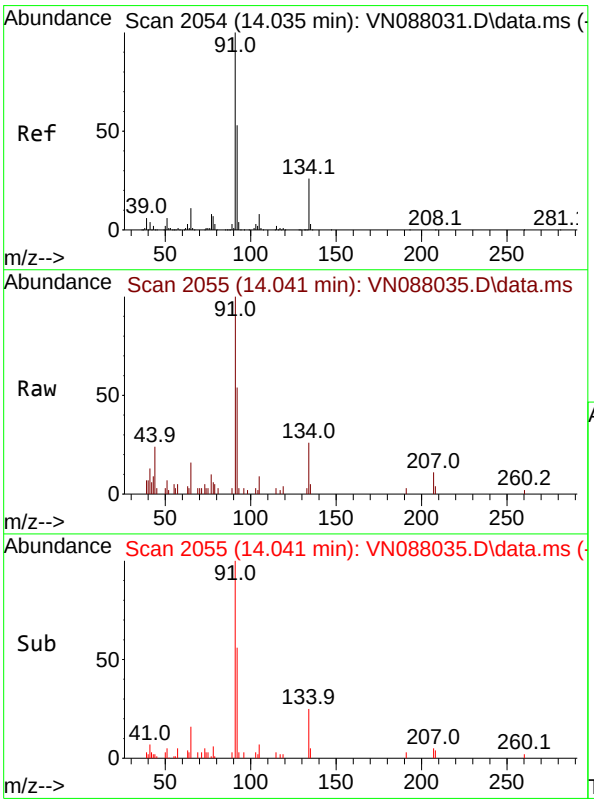
#84
1,4-Dichlorobenzene
Concen: 0.704 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 6490

Ion	Ratio	Lower	Upper
146	100		
111	50.8	20.5	61.6
148	34.5	31.9	95.9

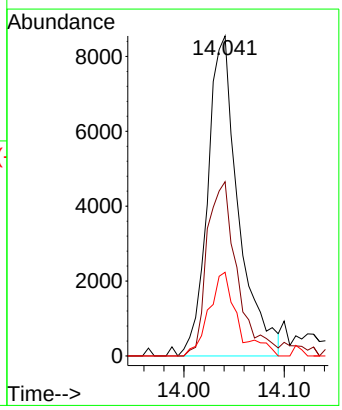


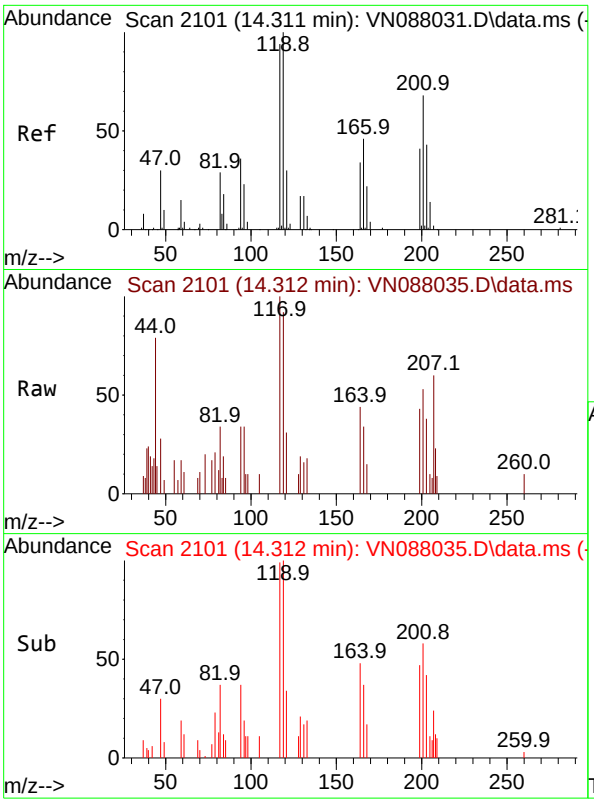


#85
n-Butylbenzene
Concen: 1.138 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion: 91 Resp: 18182

Ion	Ratio	Lower	Upper
91	100		
92	50.4	0.0	107.6
134	21.2	0.0	52.6



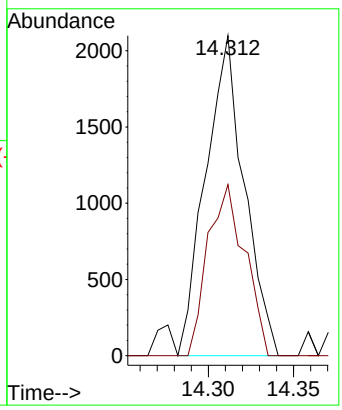


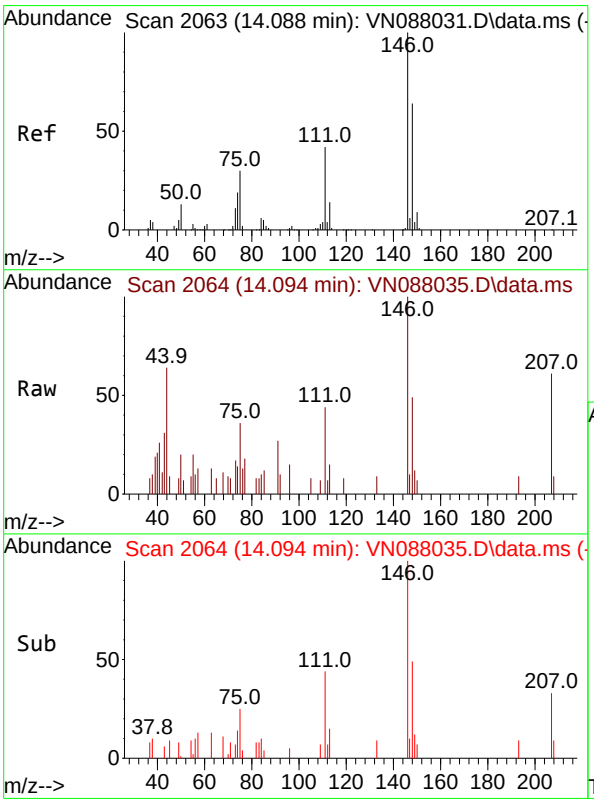
#86
Hexachloroethane
Concen: 0.964 ug/l
RT: 14.312 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 3317

Ion	Ratio	Lower	Upper
117	100		
201	51.2	34.8	104.3

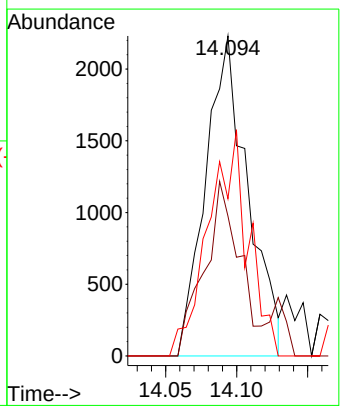


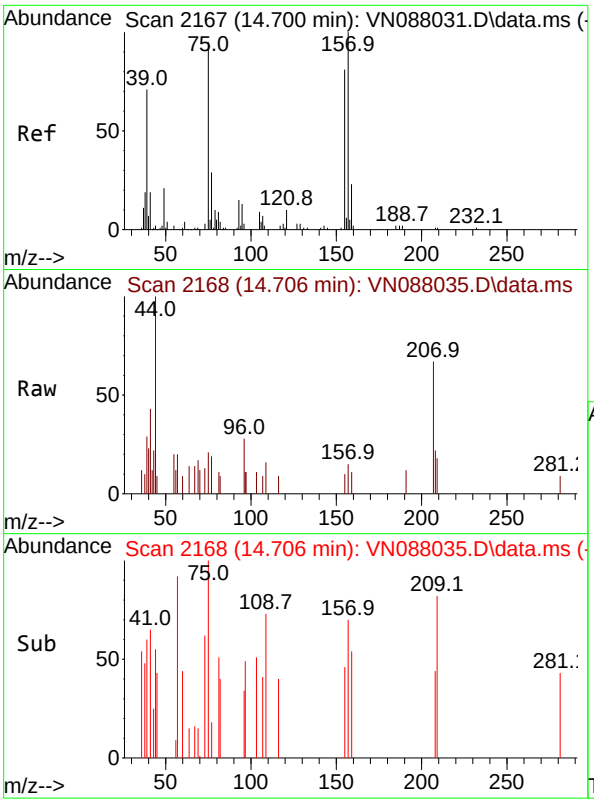


#87
1,2-Dichlorobenzene
Concen: 0.525 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:146 Resp: 4616

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.3	66.8
148	66.2	31.4	94.3



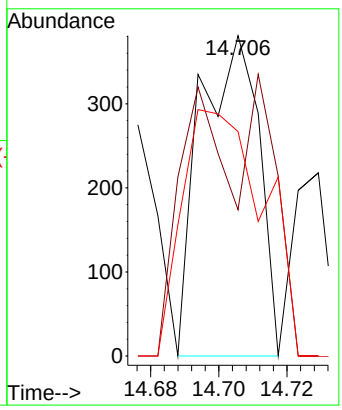


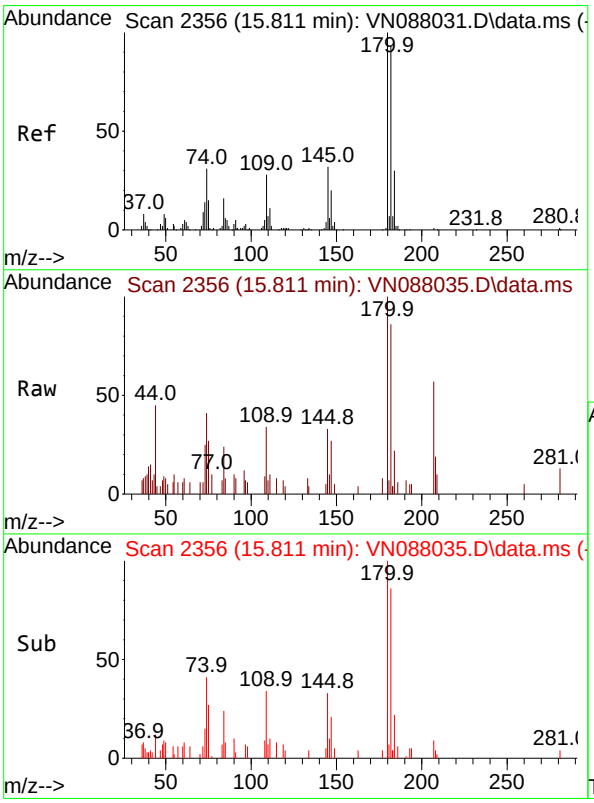
#88
1,2-Dibromo-3-Chloropropane
Concen: 0.301 ug/l
RT: 14.706 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 455

Ion	Ratio	Lower	Upper
75	100		
155	42.6	63.5	95.3#
157	0.0	81.7	122.5#

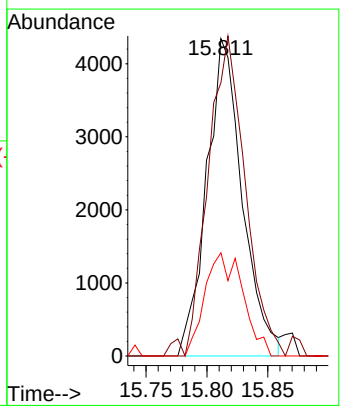


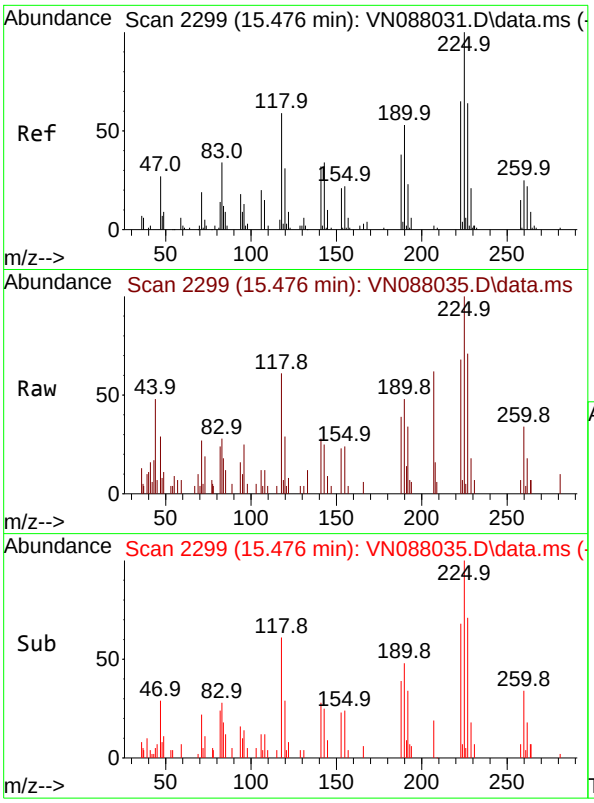


#89
1,2,4-Trichlorobenzene
Concen: 1.691 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:180 Resp: 8851

Ion	Ratio	Lower	Upper
180	100		
182	104.1	74.6	112.0
145	34.6	27.2	40.8



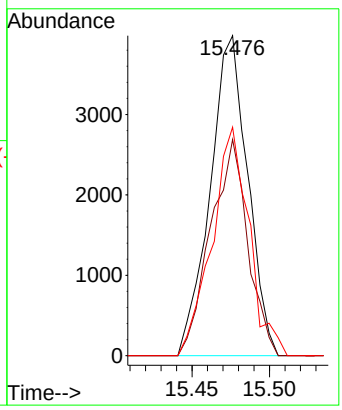


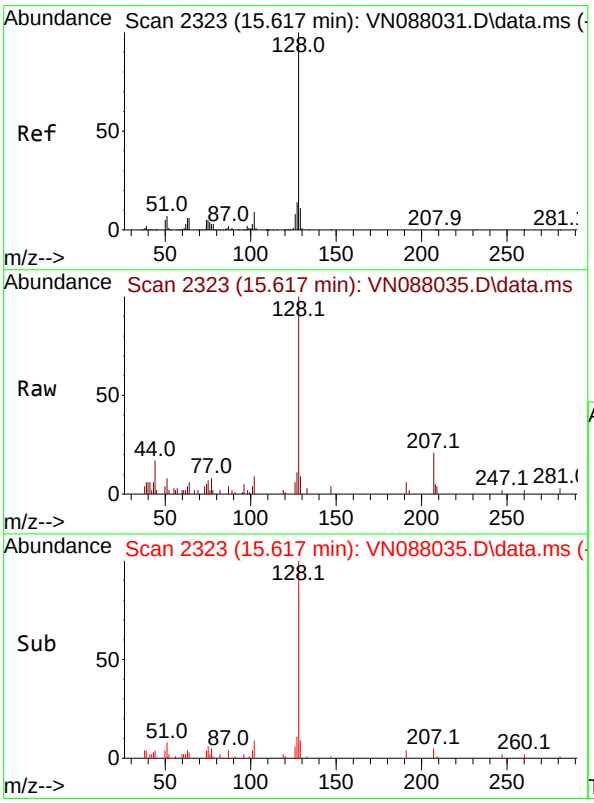
#90
Hexachlorobutadiene
Concen: 3.690 ug/l
RT: 15.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 6723

Ion	Ratio	Lower	Upper
225	100		
223	66.7	0.0	129.6
227	66.9	0.0	132.2

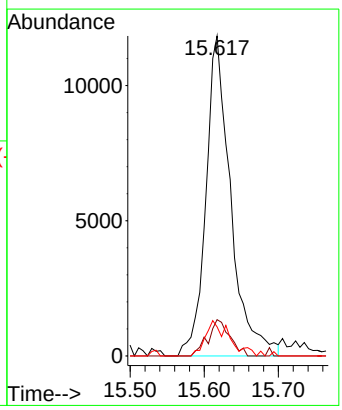


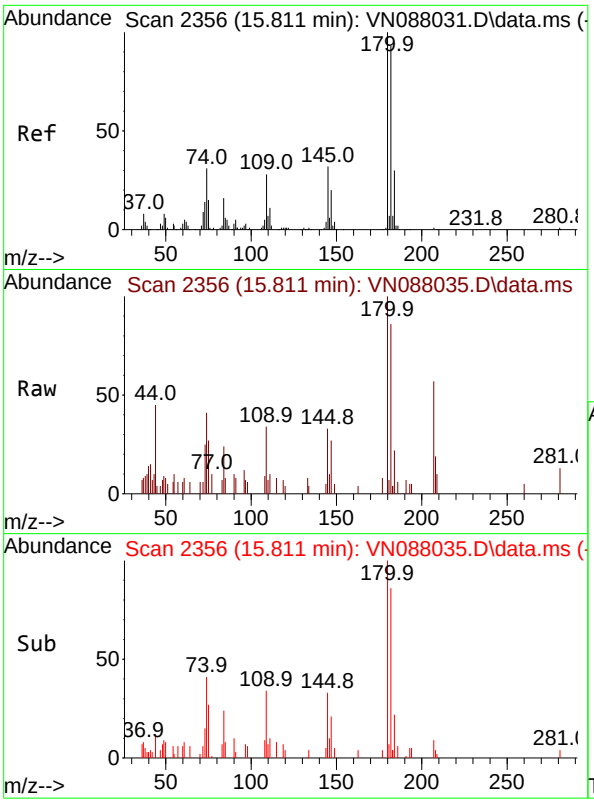


#91
Naphthalene
Concen: 1.437 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Tgt Ion:128 Resp: 27540

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.3	15.5#
129	6.5	8.6	13.0#





#92
1,2,3-Trichlorobenzene
Concen: 1.691 ug/l
RT: 15.811 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088035.D
Acq: 08 Oct 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 8851

Ion	Ratio	Lower	Upper
180	100		
182	104.1	0.0	186.6
145	34.6	0.0	68.0