Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
Data File : VN087041.D
Acq On : 16 Jun 2025 18:45
Operator : JC\MD
Sample : Q2268-07DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Quant Time: Jun 17 07:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	253695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	456316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	217980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	179873	52.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.920%			
35) Dibromofluoromethane	8.177	113	151738	50.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.565	98	626271	52.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.847	95	223690	50.594	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.180%			
Target Compounds						Qvalue
16) Acetone	4.454	43	967	0.537	ug/l	90
19) Methyl tert-butyl Ether	5.824	73	7388	0.723	ug/l #	1
31) Cyclohexane	8.230	56	8801	1.598	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	20310	4.534	ug/l #	47
38) Carbon Tetrachloride	8.230	117	25202	5.731	ug/l #	17
39) Methylcyclohexane	9.606	83	4837	0.788	ug/l	97
40) Benzene	8.612	78	236834	16.169	ug/l	99
48) Methyl methacrylate	9.600	41	2698	0.640	ug/l #	50
51) 4-Methyl-2-Pentanone	10.406	43	4029	0.731	ug/l #	33
52) Toluene	10.630	92	75470	8.431	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	1002	0.291	ug/l #	14
67) Ethyl Benzene	11.965	91	303790	17.524	ug/l	100
68) m/p-Xylenes	12.065	106	494528	74.522	ug/l	98
69) o-Xylene	12.394	106	175888	27.675	ug/l	98
70) Styrene	12.400	104	10276	0.945	ug/l #	1
71) Bromoform	12.847	173	1319	0.550	ug/l #	1
73) Isopropylbenzene	12.694	105	12504	0.787	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	101418	19.573	ug/l #	1
78) n-propylbenzene	13.035	91	18958	0.982	ug/l	98
79) 2-Chlorotoluene	13.094	91	11451	0.989	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	44692	3.409	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	101418	45.057	ug/l #	16
82) 4-Chlorotoluene	13.171	91	5257	0.449	ug/l #	41
83) tert-Butylbenzene	13.482	119	28584	2.382	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	226337	17.216	ug/l	99
85) sec-Butylbenzene	13.482	105	226337	12.987	ug/l #	56
90) Hexachloroethane	14.329	117	1504	0.616	ug/l #	17
95) Naphthalene	15.635	128	48938	2.991	ug/l	98

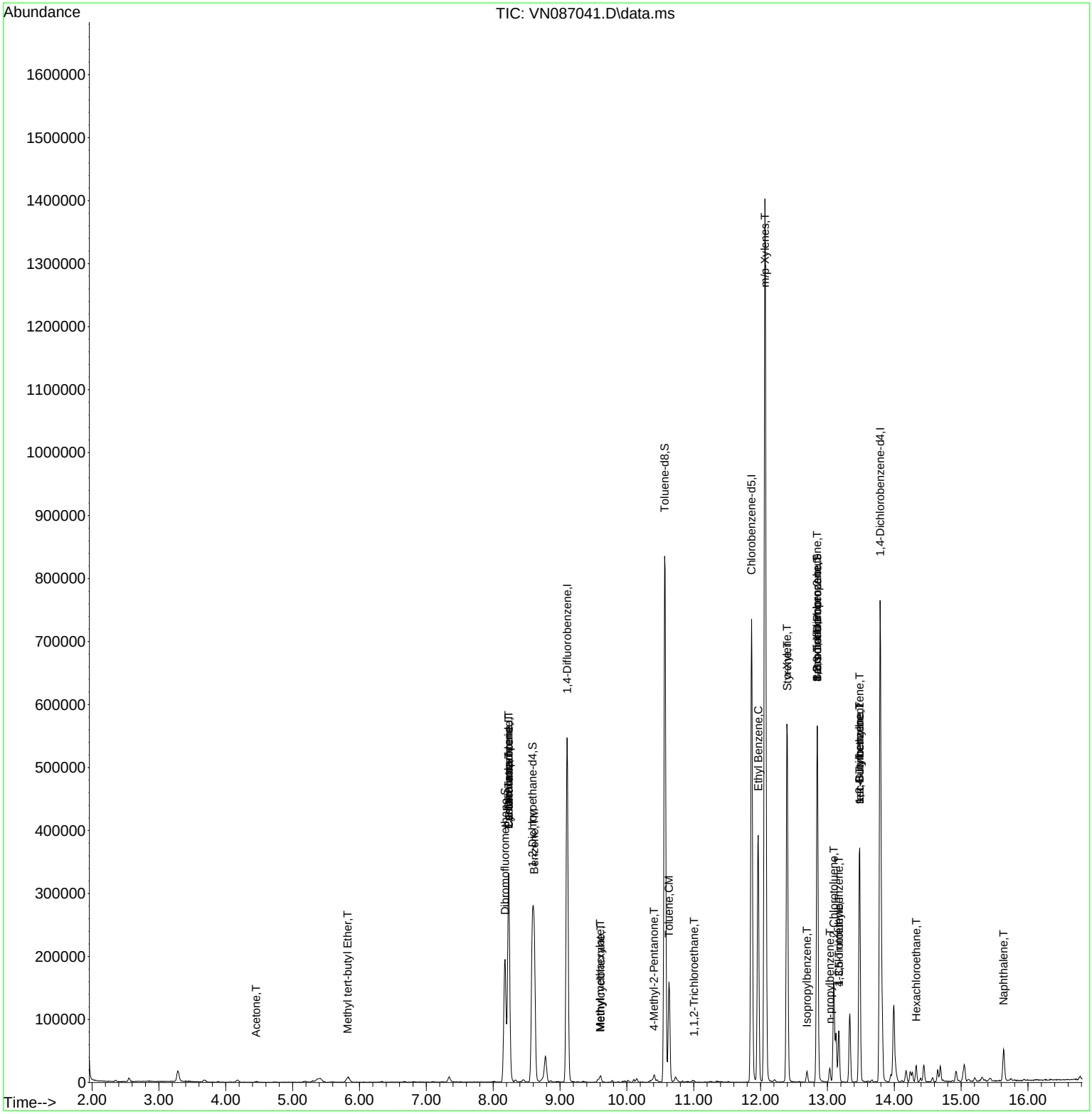
(#) = qualifier out of range (m) = manual integration (+) = signals summed

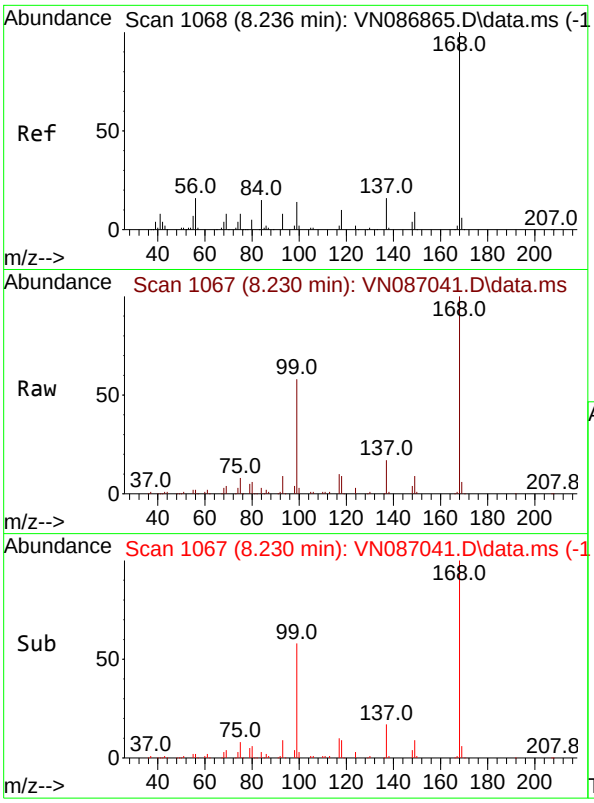
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
Data File : VN087041.D
Acq On : 16 Jun 2025 18:45
Operator : JC\MD
Sample : Q2268-07DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Quant Time: Jun 17 07:28:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



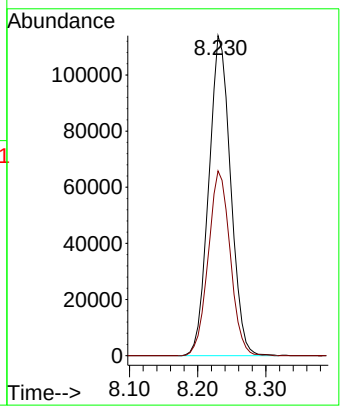


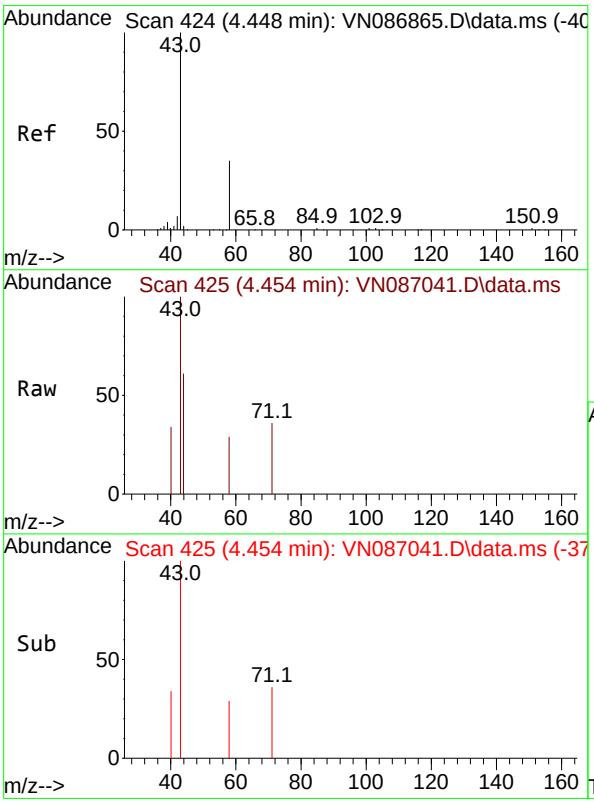
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:168 Resp: 253695

Ion	Ratio	Lower	Upper
168	100		
99	57.7	49.1	73.7

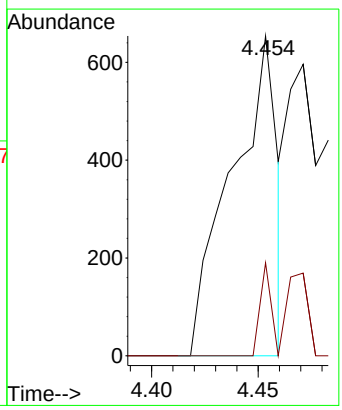


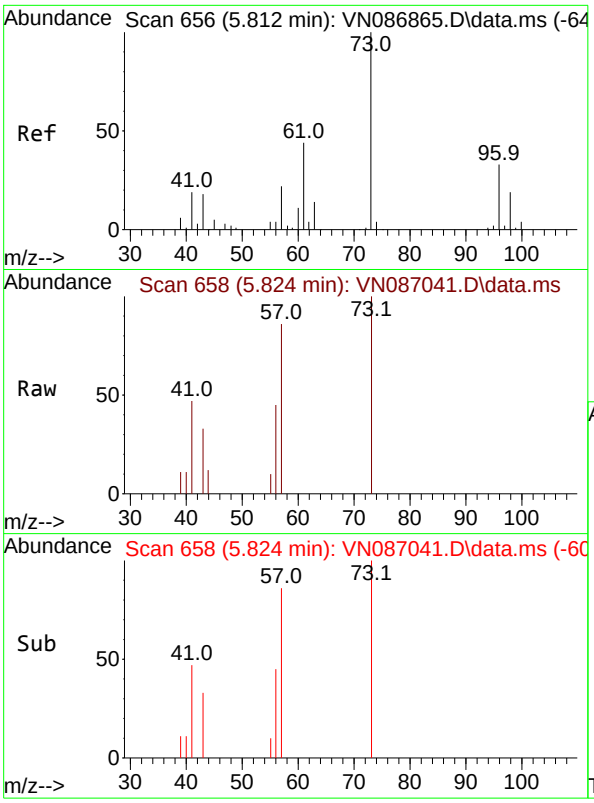


#16
Acetone
Concen: 0.537 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 43 Resp: 967

Ion	Ratio	Lower	Upper
43	100		
58	29.1	28.0	42.0



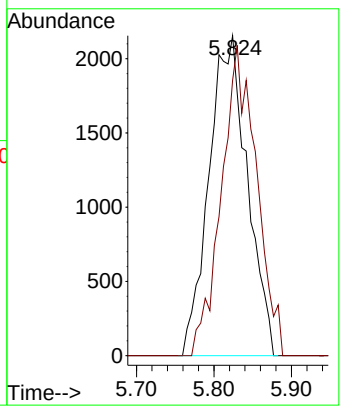


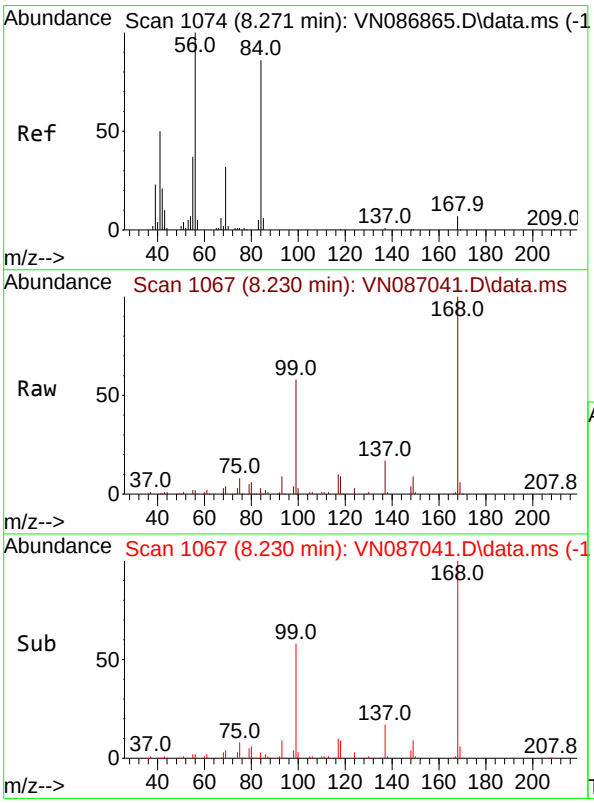
#19
Methyl tert-butyl Ether
Concen: 0.723 ug/l
RT: 5.824 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 73 Resp: 7388

Ion	Ratio	Lower	Upper
73	100		
57	86.0	17.4	26.2#

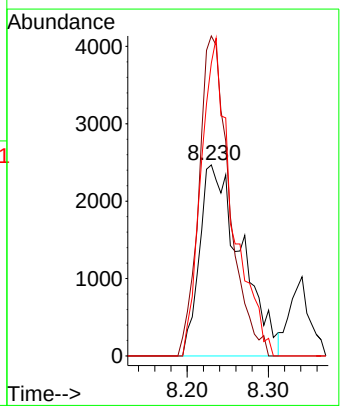


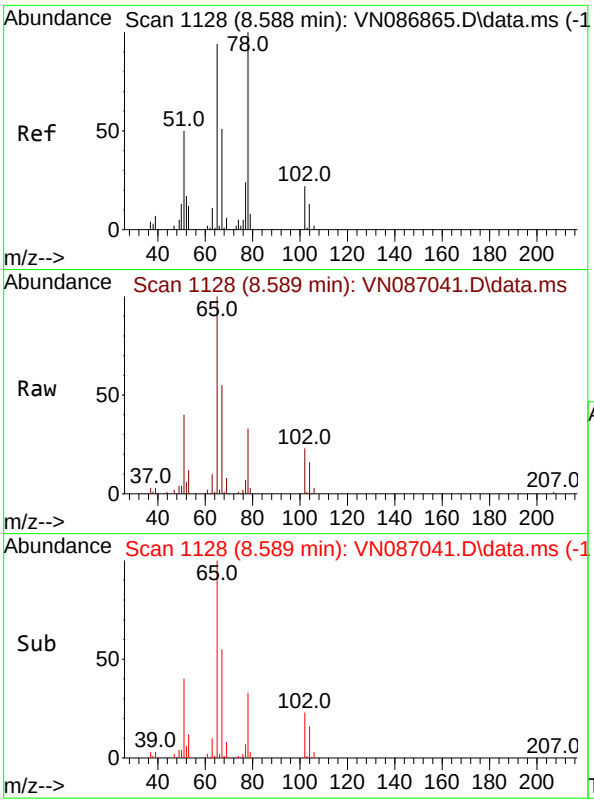


#31
Cyclohexane
Concen: 1.598 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 56 Resp: 8801

Ion	Ratio	Lower	Upper
56	100		
69	167.5	25.4	38.0#
84	153.3	68.8	103.2#



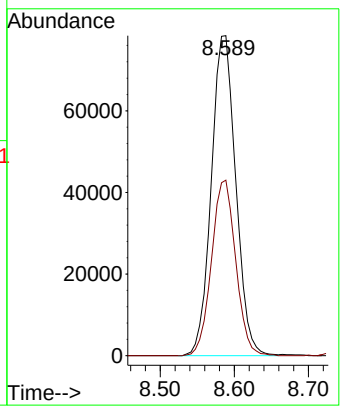


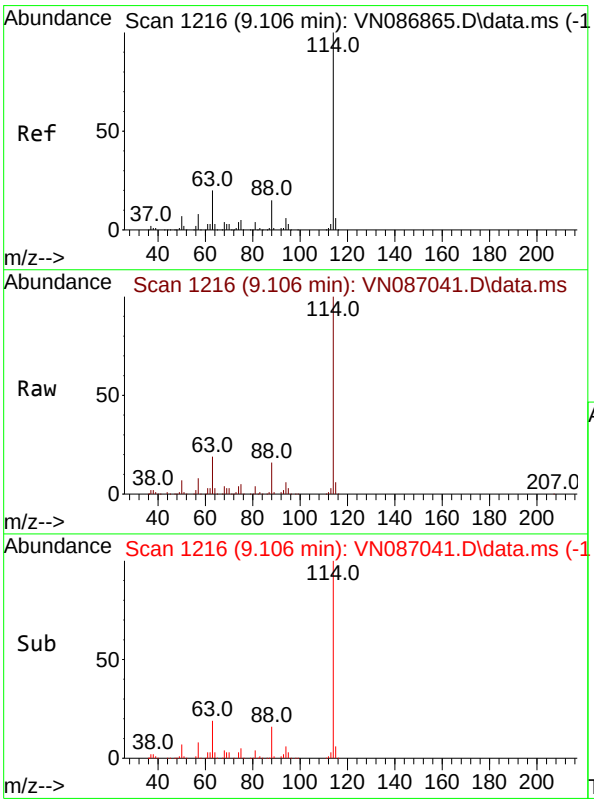
#33
1,2-Dichloroethane-d4
Concen: 52.955 ug/l
RT: 8.589 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 65 Resp: 179873

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.6

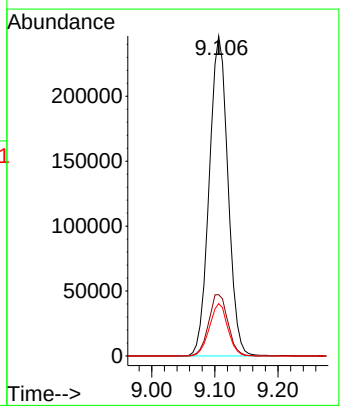


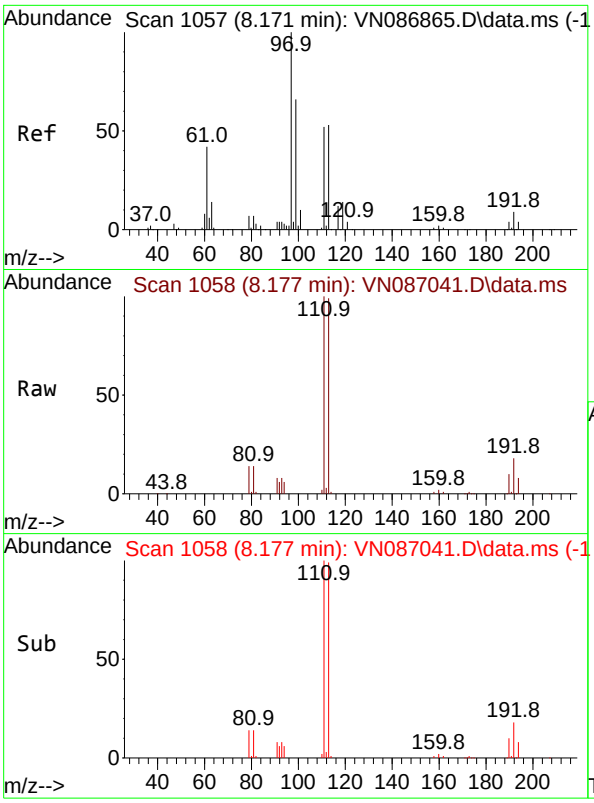


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:114 Resp: 507247

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	16.3	0.0	30.2



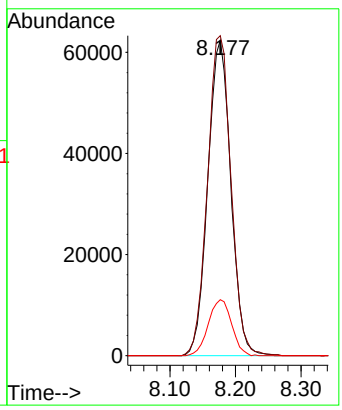


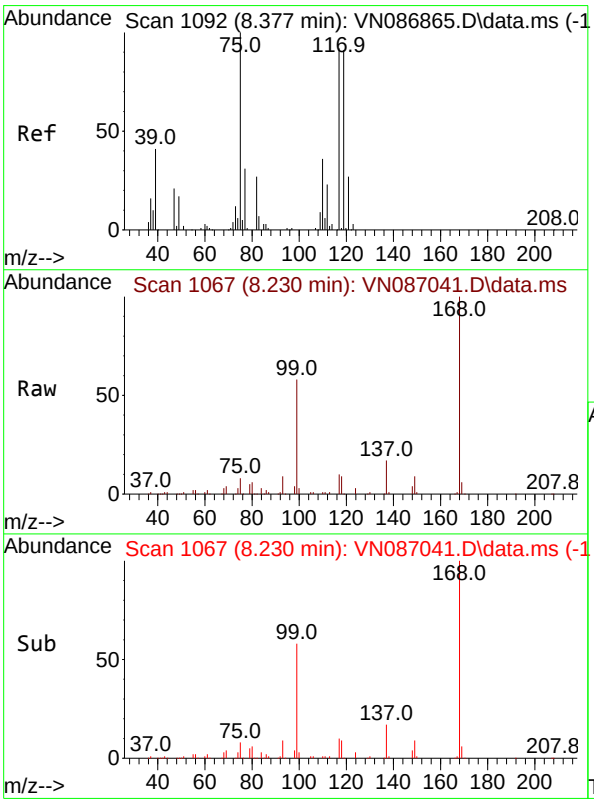
#35
Dibromofluoromethane
Concen: 50.477 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:113 Resp: 151738

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.2
192	18.0	14.2	21.4

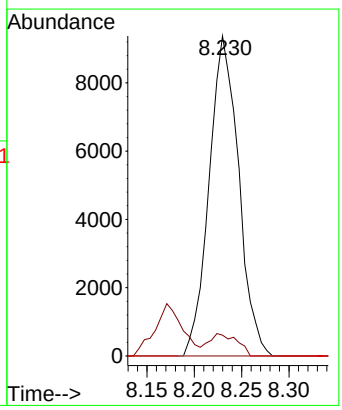


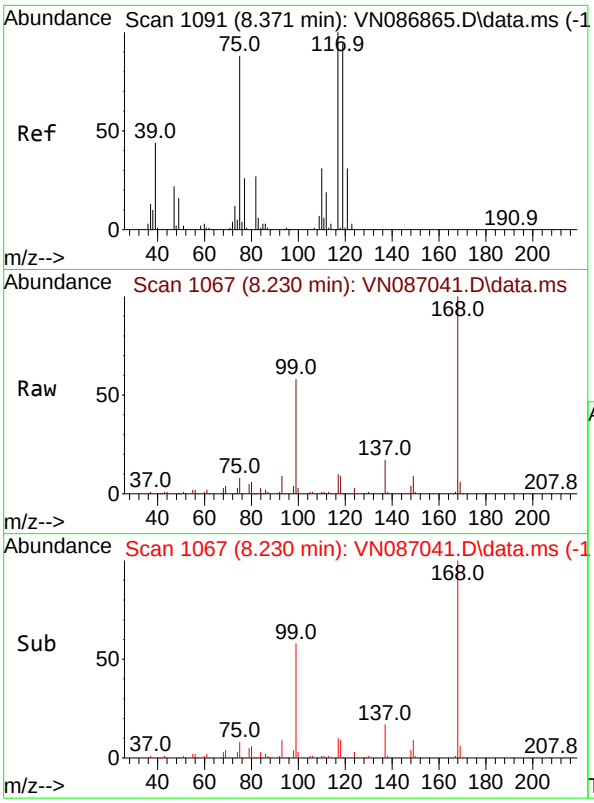


#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 75 Resp: 20310

Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.6	52.9#
77	0.0	25.3	37.9#



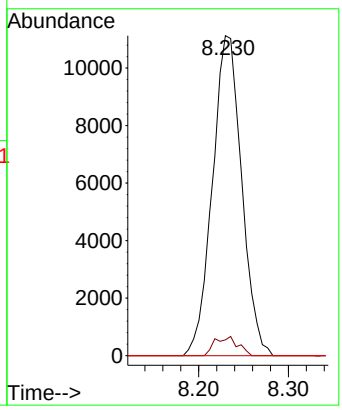


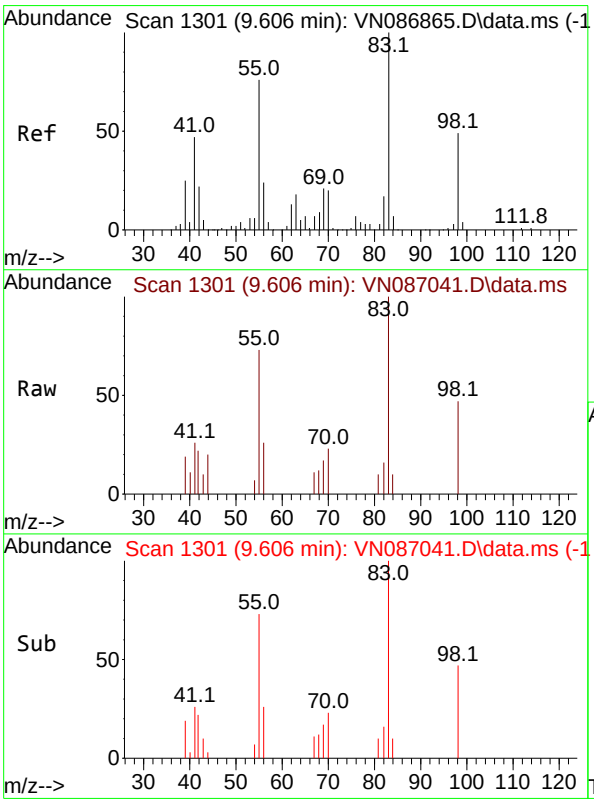
#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:117 Resp: 25202

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.0	112.6#
121	0.0	24.9	37.3#

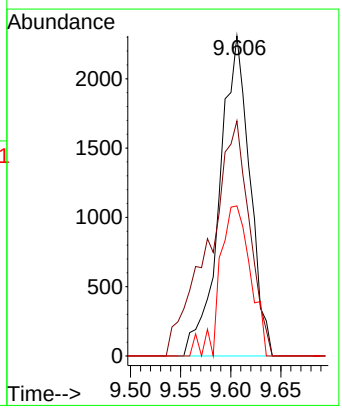


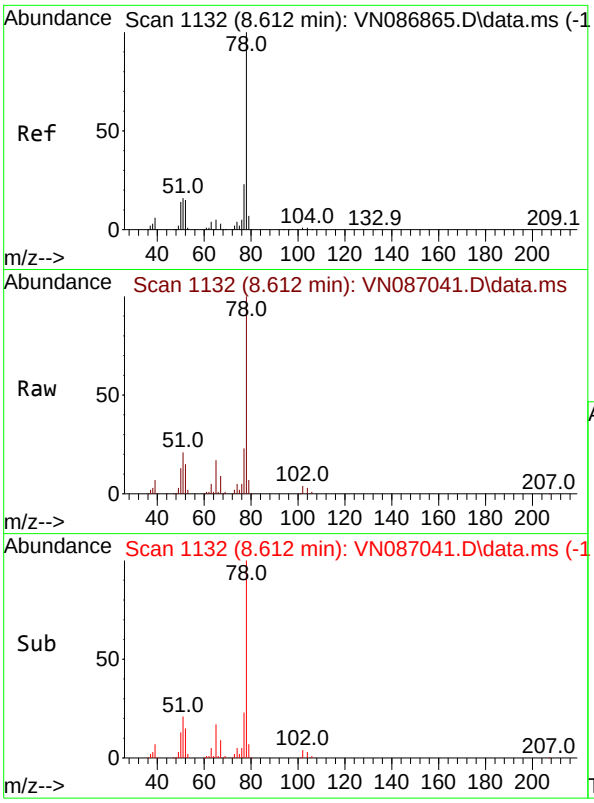


#39
Methylcyclohexane
Concen: 0.788 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 83 Resp: 4837

Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.0	91.6
98	46.9	38.9	58.3



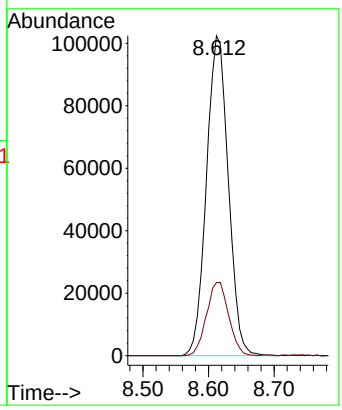


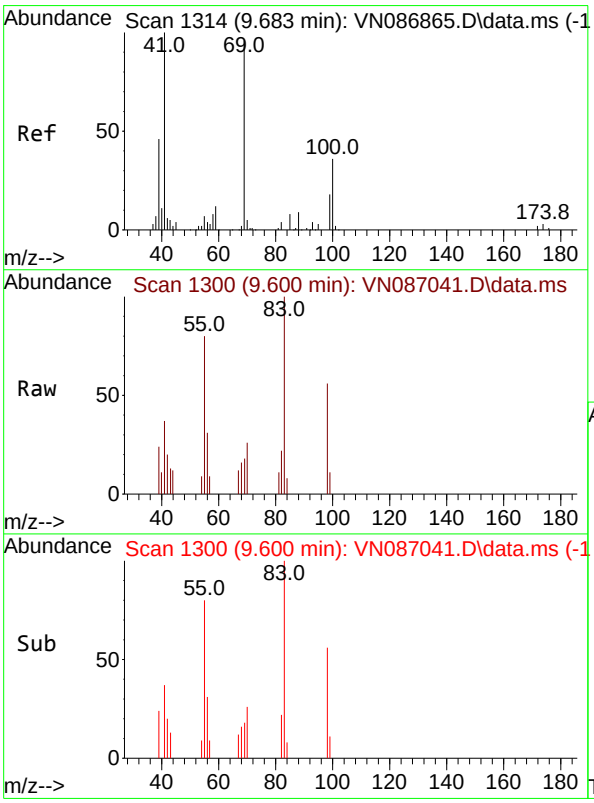
#40
Benzene
Concen: 16.169 ug/l
RT: 8.612 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 78 Resp: 236834

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1

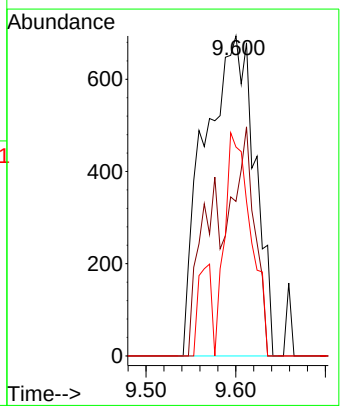


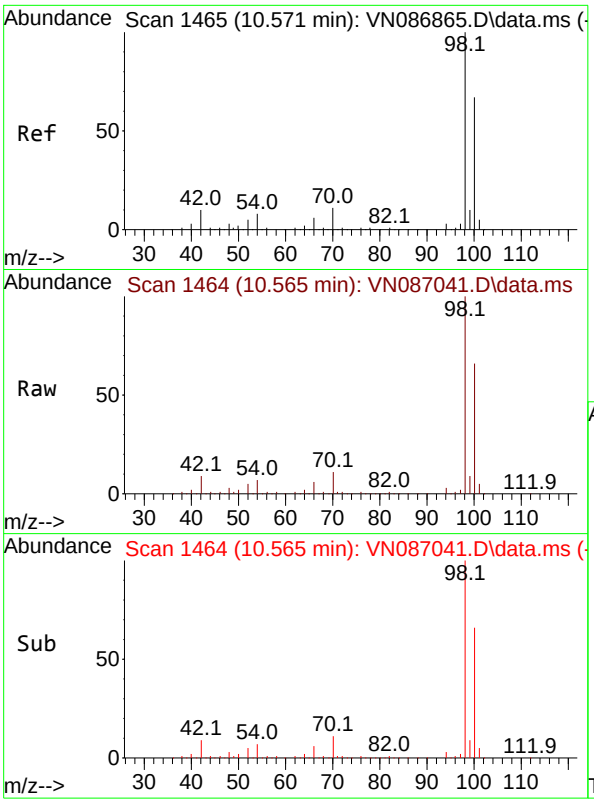


#48
Methyl methacrylate
Concen: 0.640 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.082 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 41 Resp: 2698

Ion	Ratio	Lower	Upper
41	100		
69	30.3	74.6	112.0#
39	36.3	40.2	60.4#



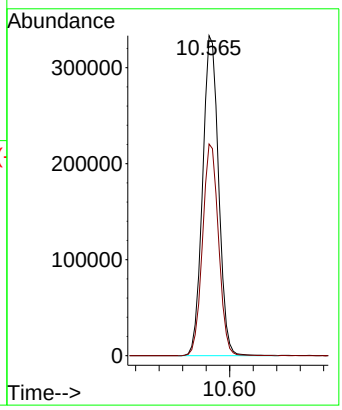


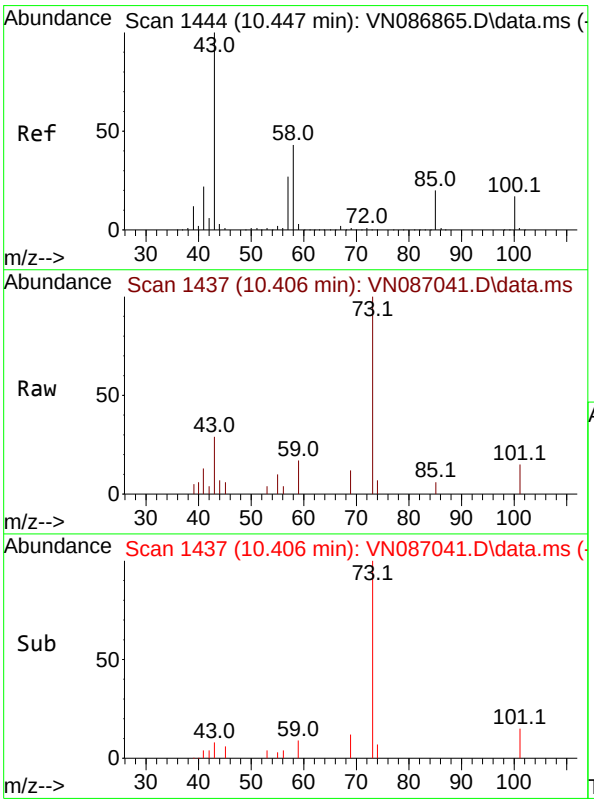
#50
Toluene-d8
Concen: 52.627 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 98 Resp: 626271

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.0

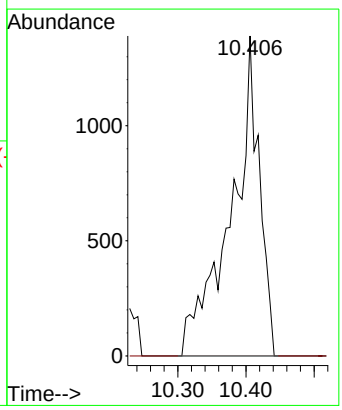


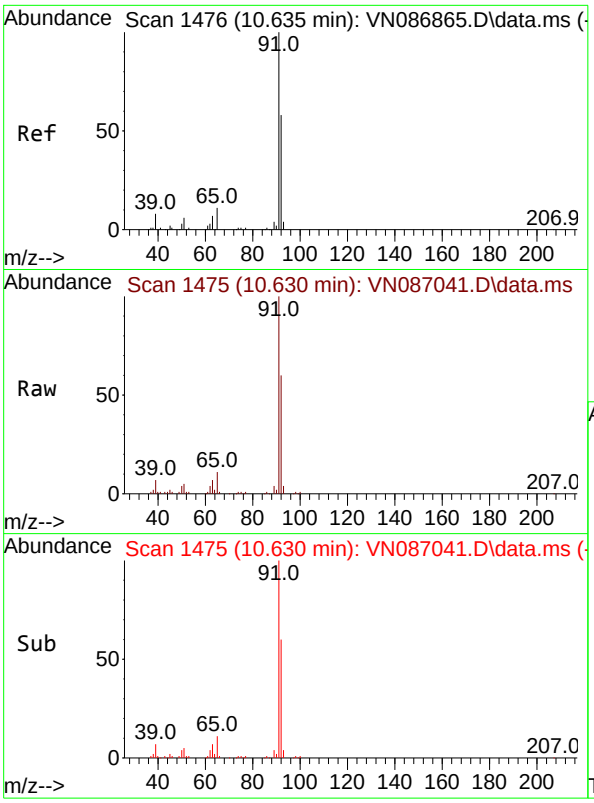


#51
4-Methyl-2-Pentanone
Concen: 0.731 ug/l
RT: 10.406 min Scan# 1437
Delta R.T. -0.041 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 43 Resp: 4029

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.2	51.4#



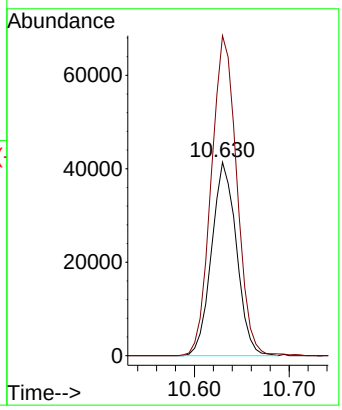


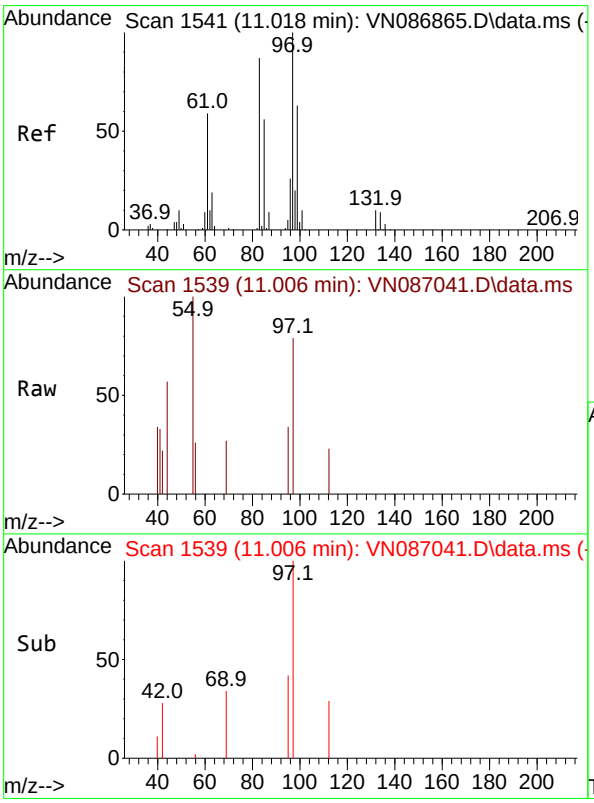
#52
Toluene
Concen: 8.431 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 92 Resp: 75470

Ion	Ratio	Lower	Upper
92	100		
91	170.2	136.5	204.7

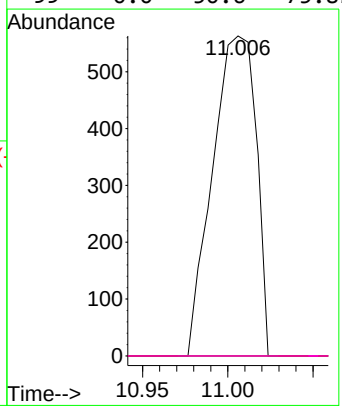


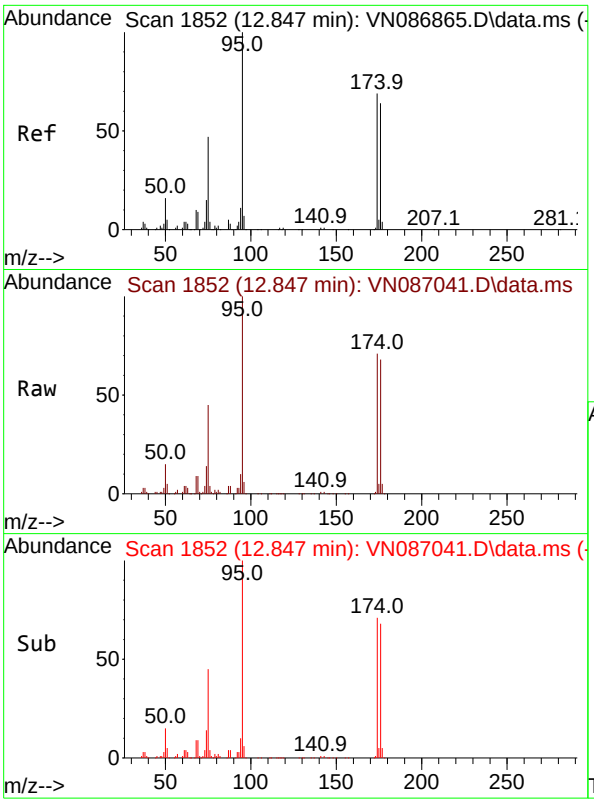


#55
1,1,2-Trichloroethane
Concen: 0.291 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 97 Resp: 1002

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	45.1	67.7#
99	0.0	50.6	75.8#



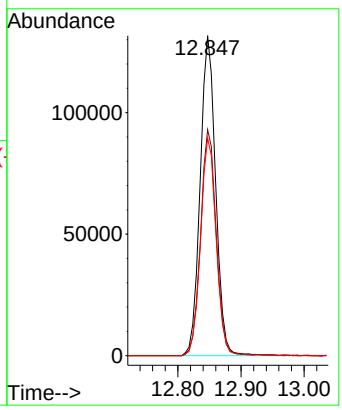


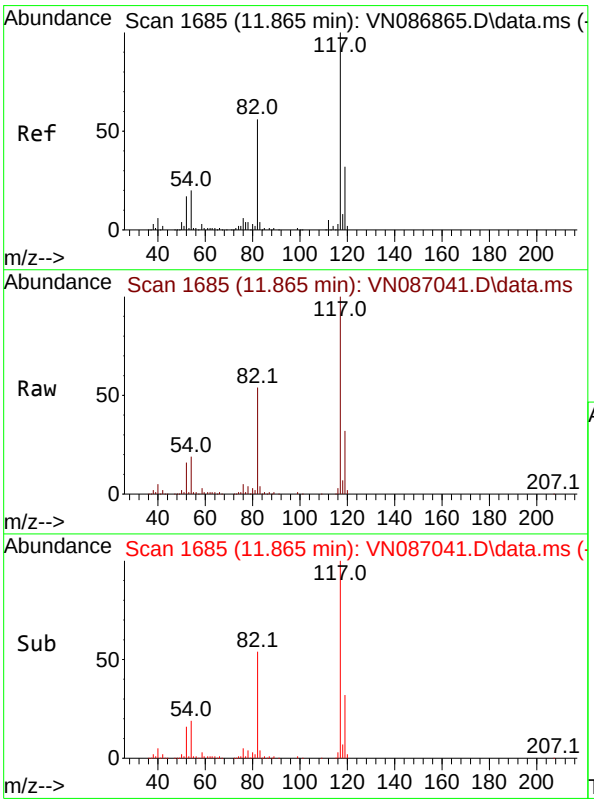
#62
4-Bromofluorobenzene
Concen: 50.594 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 95 Resp: 223690

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.8
176	68.3	0.0	132.6

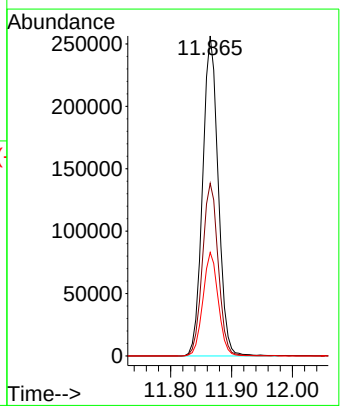


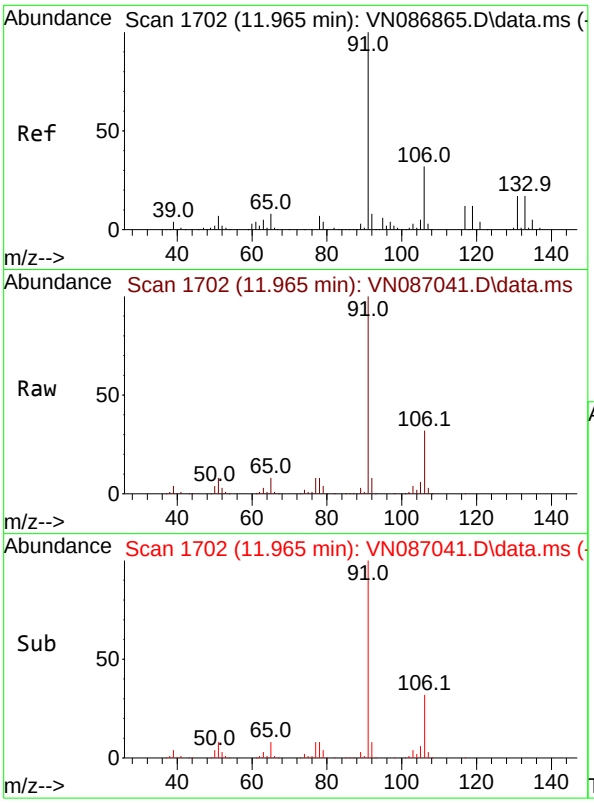


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:117 Resp: 456316

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.6	67.0
119	32.4	25.5	38.3



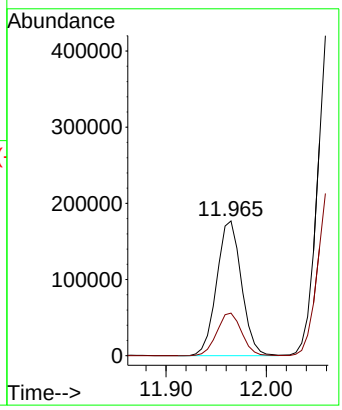


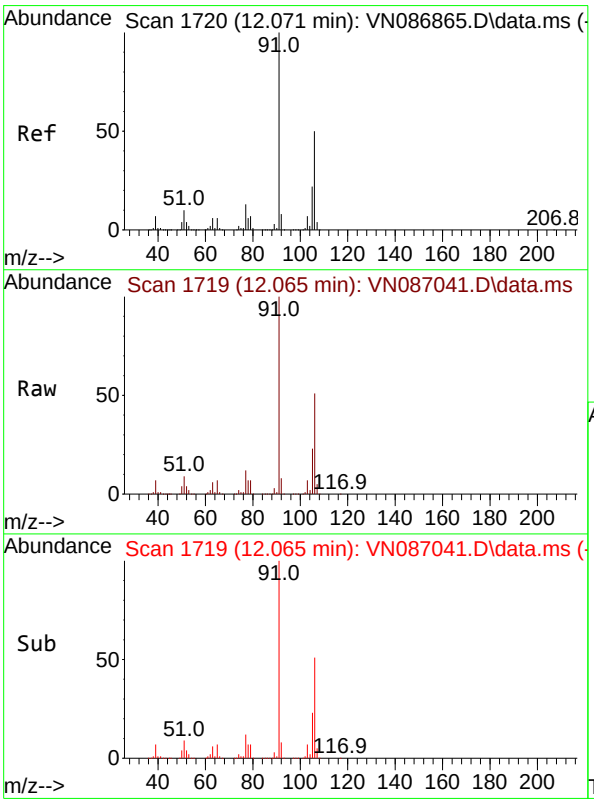
#67
Ethyl Benzene
Concen: 17.524 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 91 Resp: 303790

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.2

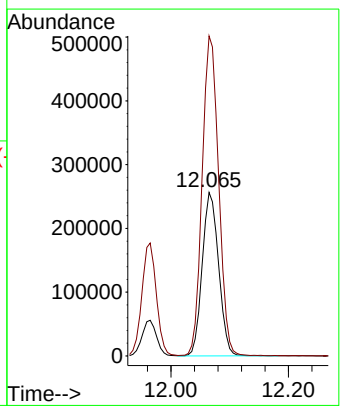


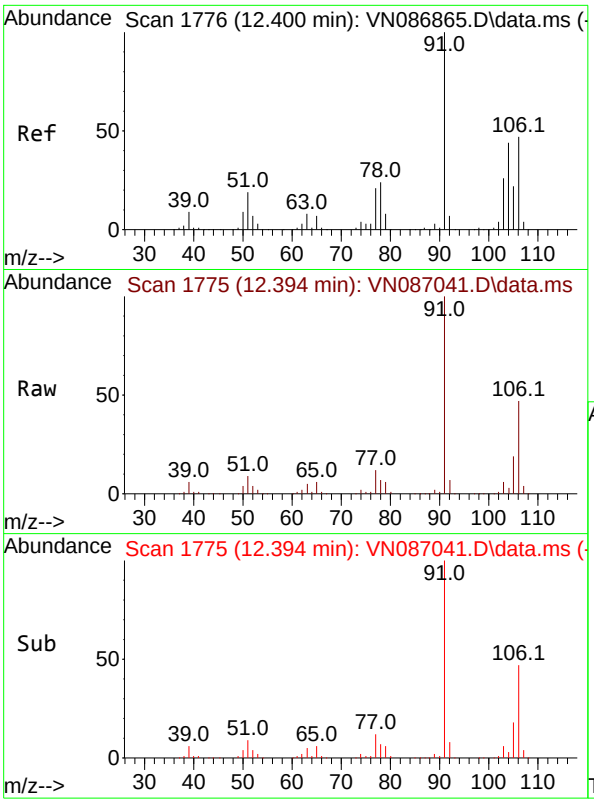


#68
m/p-Xylenes
Concen: 74.522 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:106 Resp: 494528

Ion	Ratio	Lower	Upper
106	100		
91	196.9	159.4	239.0



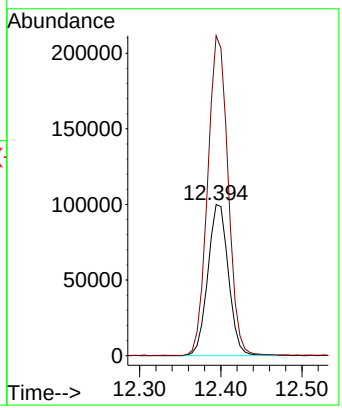


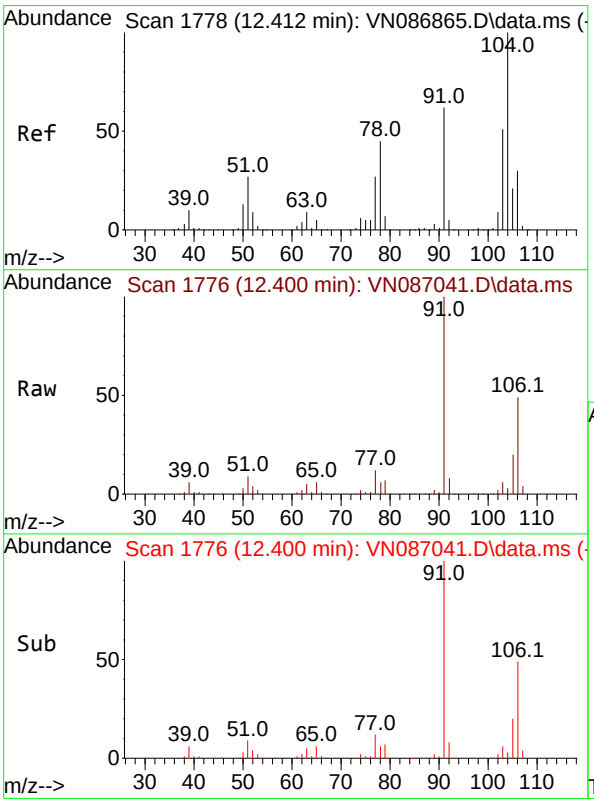
#69
o-Xylene
Concen: 27.675 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:106 Resp: 175888

Ion	Ratio	Lower	Upper
106	100		
91	209.3	106.1	318.1

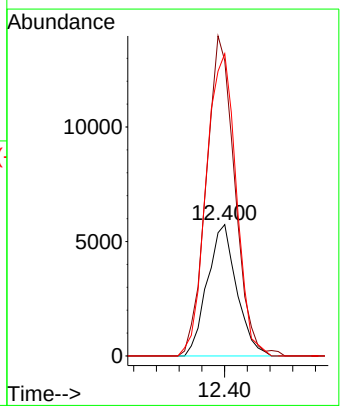


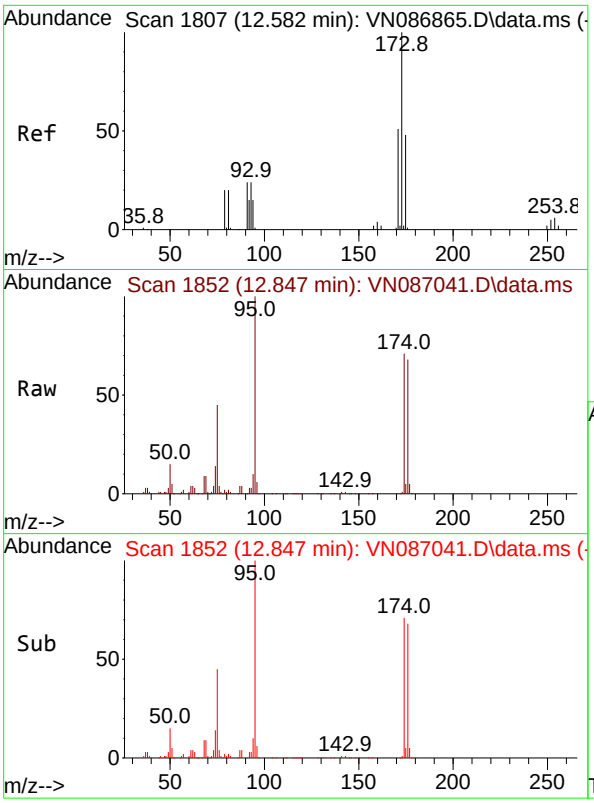


#70
Styrene
Concen: 0.945 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:104 Resp: 10276

Ion	Ratio	Lower	Upper
104	100		
78	237.7	38.5	57.7#
103	235.8	43.1	64.7#



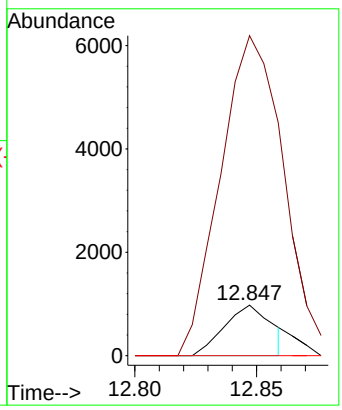


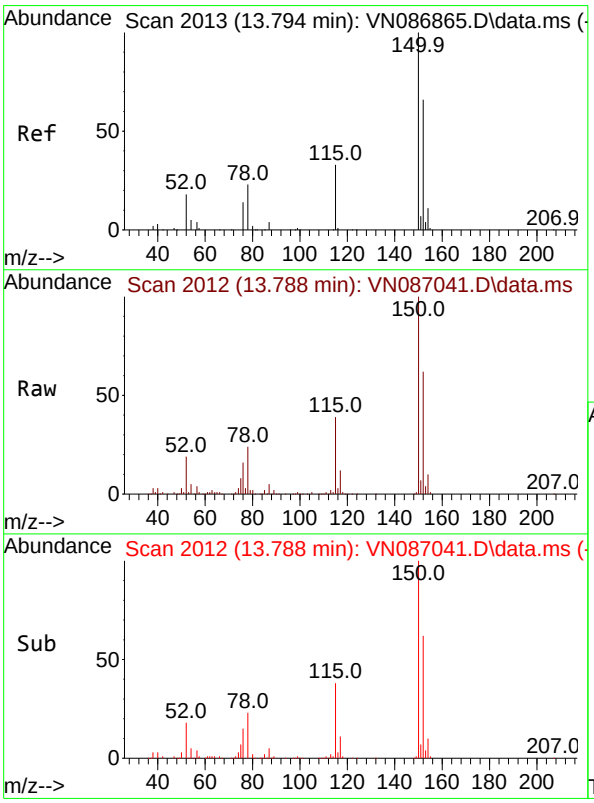
#71
Bromoform
Concen: 0.550 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:173 Resp: 1319

Ion	Ratio	Lower	Upper
173	100		
175	744.7	24.1	72.4#
254	0.0	0.0	0.0

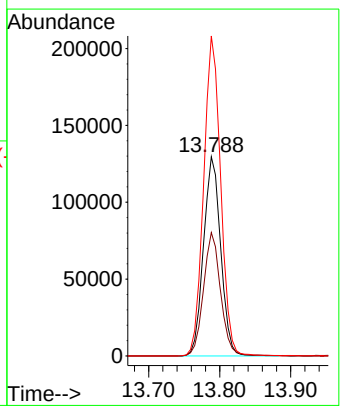


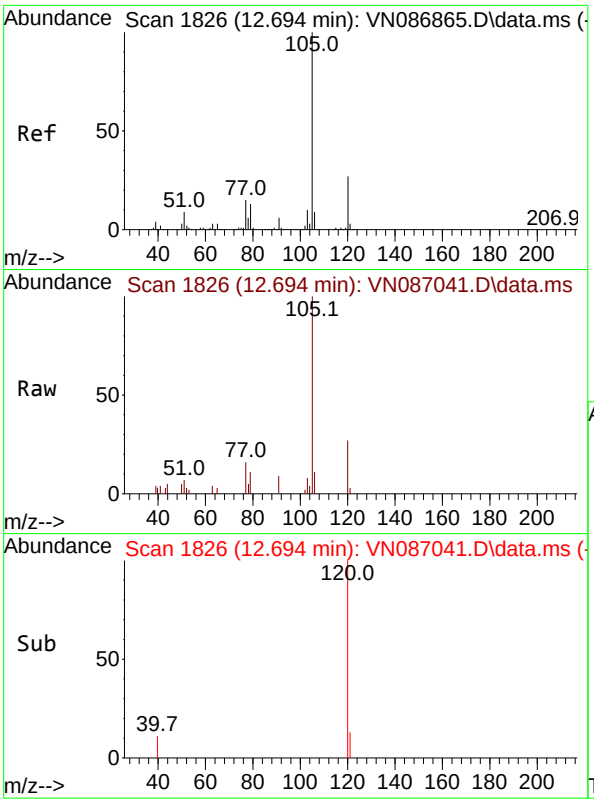


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:152 Resp: 217980

Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.1	90.5
150	159.5	0.0	345.0



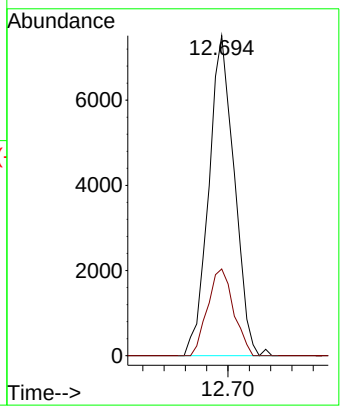


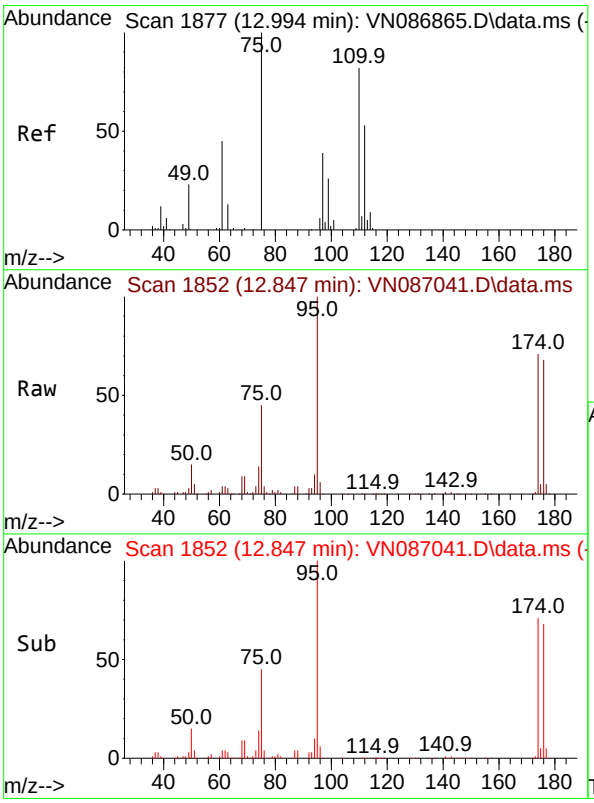
#73
Isopropylbenzene
Concen: 0.787 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:105 Resp: 12504

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.4

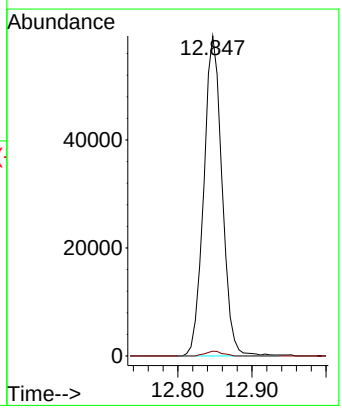


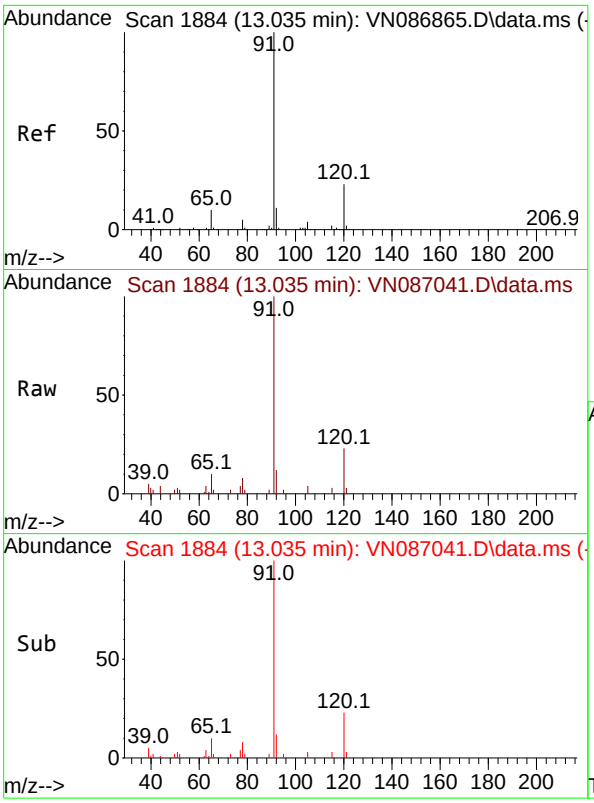


#76
1,2,3-Trichloropropane
Concen: 19.573 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 75 Resp: 101418

Ion	Ratio	Lower	Upper
75	100		
77	1.4	79.3	237.9#



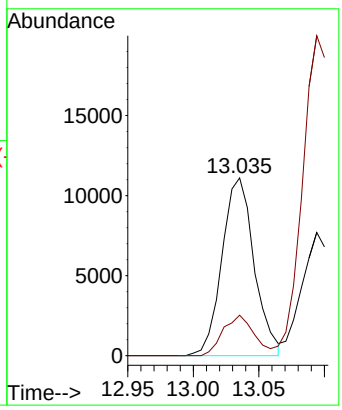


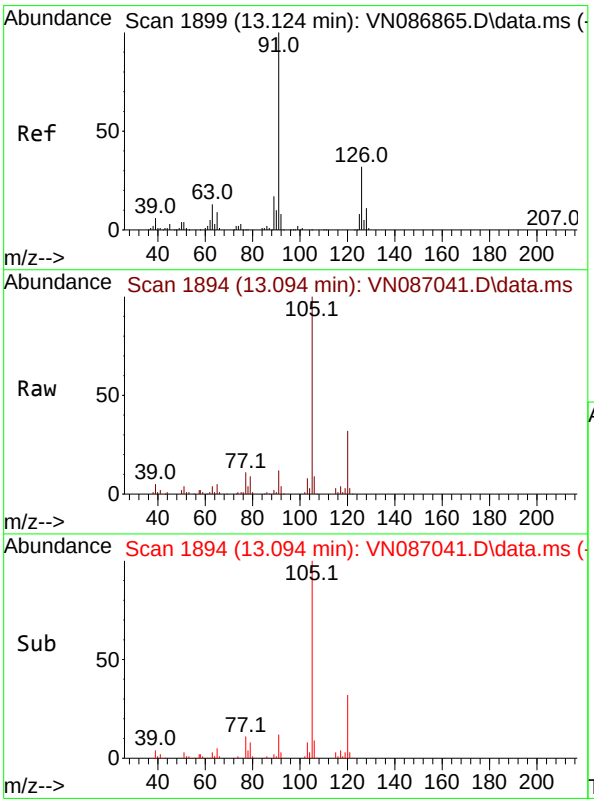
#78
n-propylbenzene
Concen: 0.982 ug/l
RT: 13.035 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 91 Resp: 18958

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.4	34.2

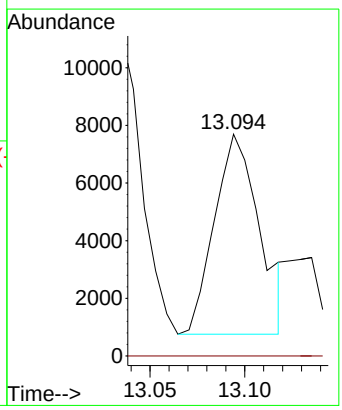


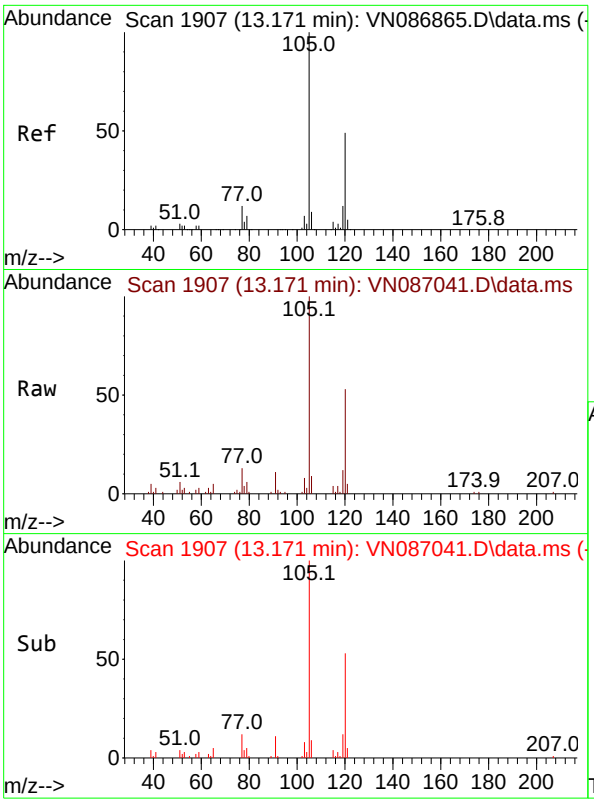


#79
2-Chlorotoluene
Concen: 0.989 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 91 Resp: 11451

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.2	48.5#



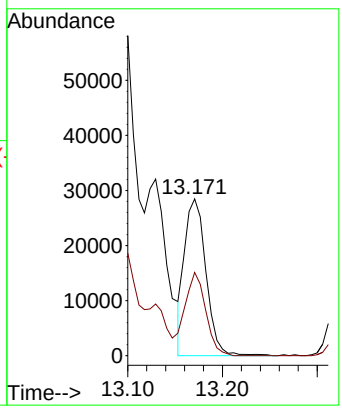


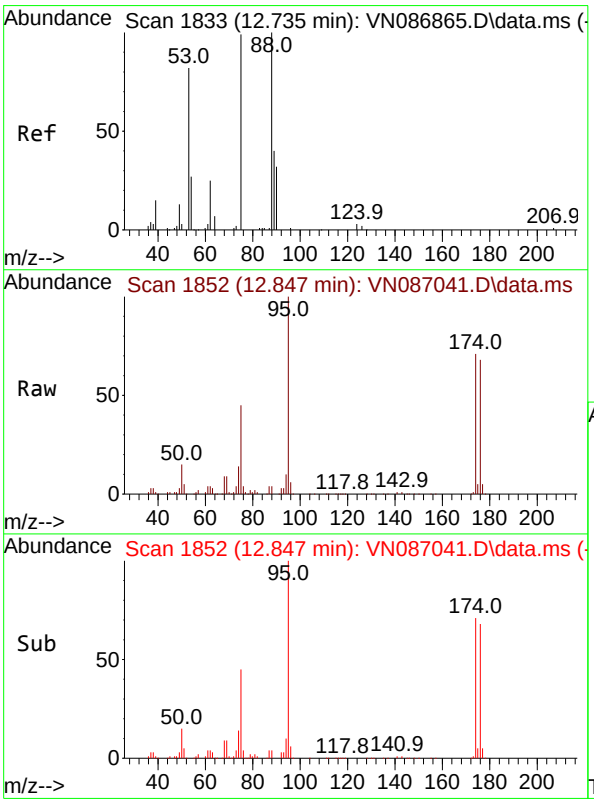
#80
1,3,5-Trimethylbenzene
Concen: 3.409 ug/l
RT: 13.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:105 Resp: 44692

Ion	Ratio	Lower	Upper
105	100		
120	52.6	24.9	74.6

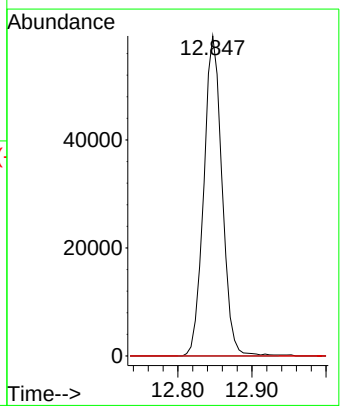


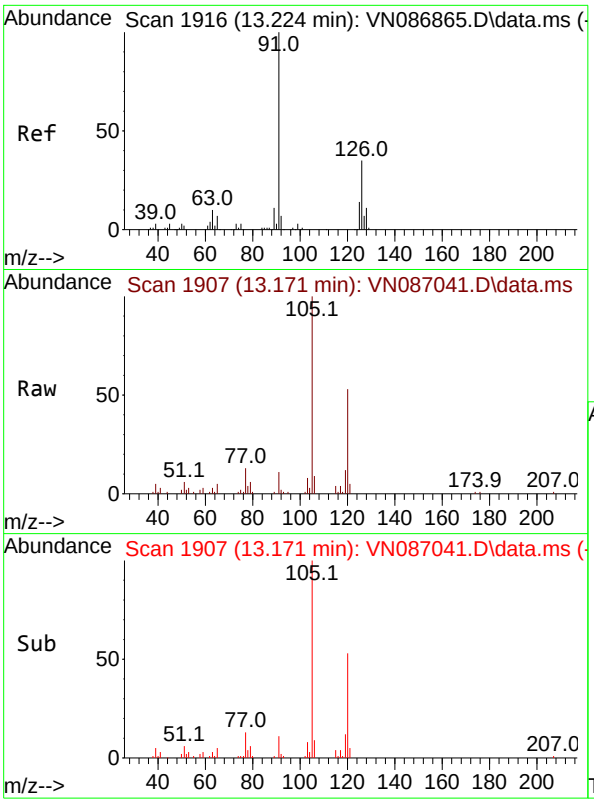


#81
trans-1,4-Dichloro-2-butene
Concen: 45.057 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion: 75 Resp: 101418

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#



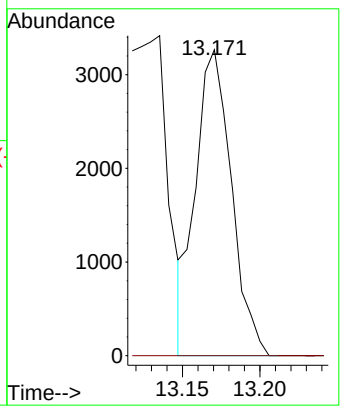


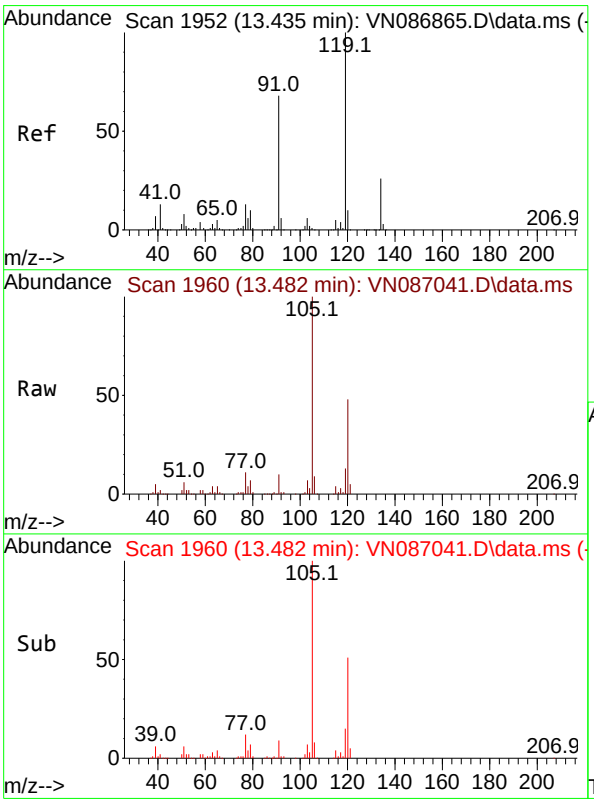
#82
4-Chlorotoluene
Concen: 0.449 ug/l
RT: 13.171 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion: 91 Resp: 5257

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.7	50.1#

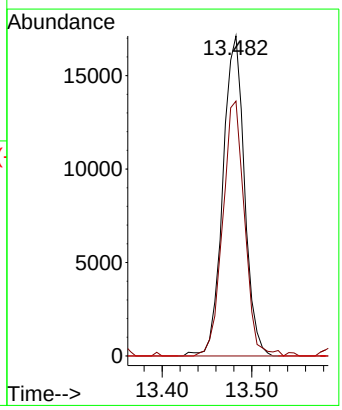


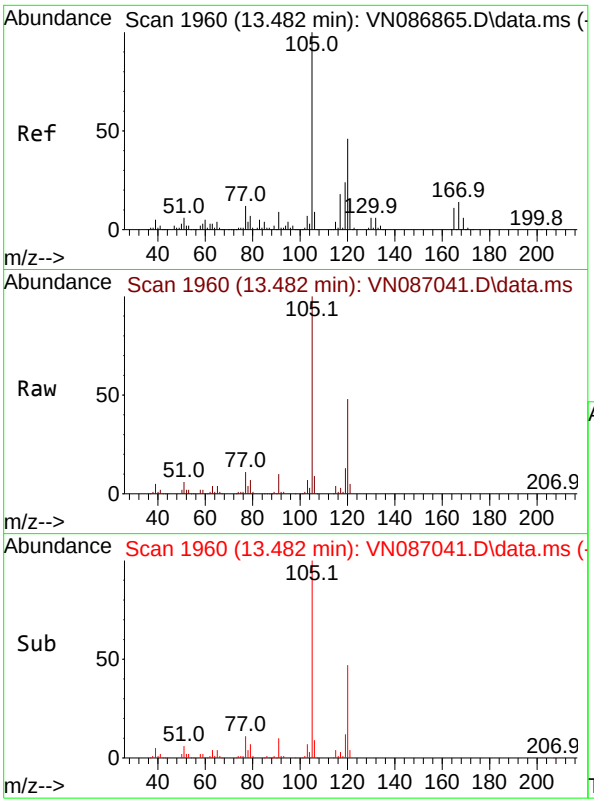


#83
tert-Butylbenzene
Concen: 2.382 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:119 Resp: 28584

Ion	Ratio	Lower	Upper
119	100		
91	80.4	32.1	96.5
134	0.0	13.4	40.1#



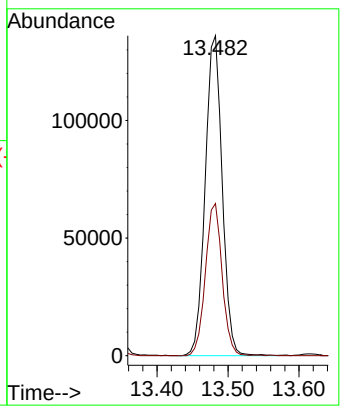


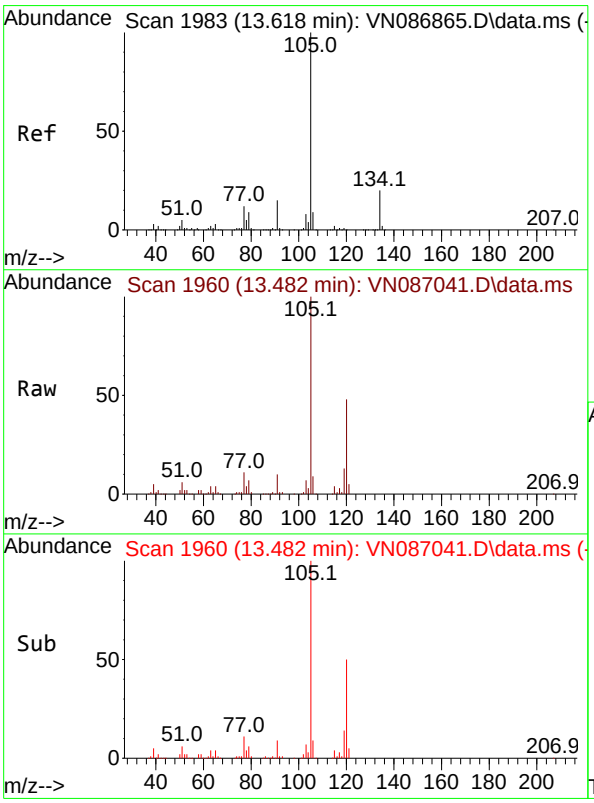
#84
1,2,4-Trimethylbenzene
Concen: 17.216 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:105 Resp: 226337

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.2	69.6

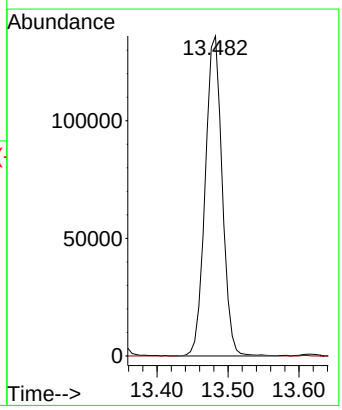


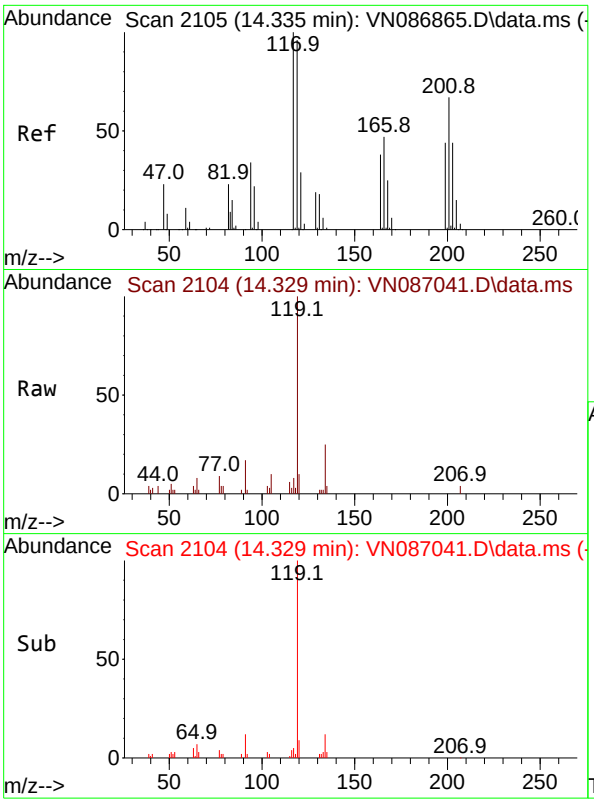


#85
sec-Butylbenzene
Concen: 12.987 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:105 Resp: 226337

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.0	30.0#



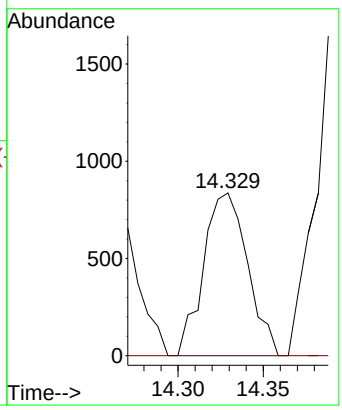


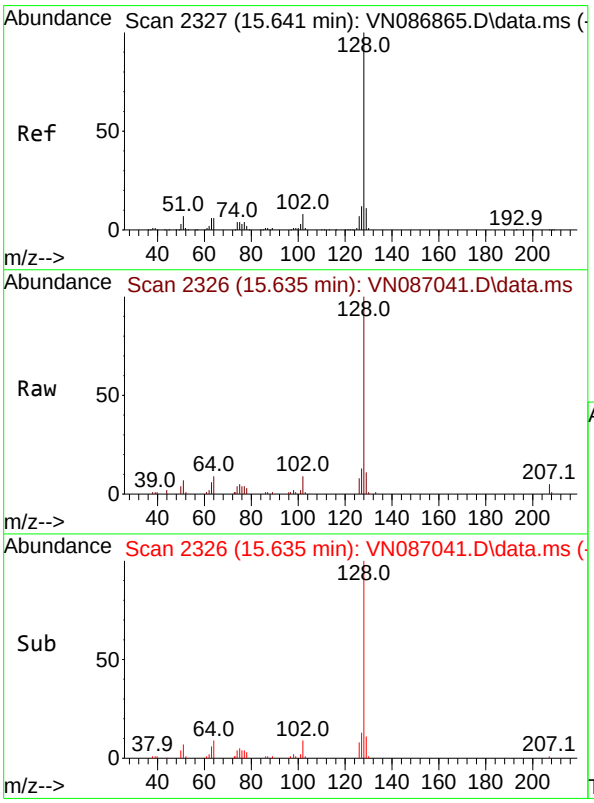
#90
Hexachloroethane
Concen: 0.616 ug/l
RT: 14.329 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
MW-6-20250605DL

Tgt Ion:117 Resp: 1504

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.2	99.6#





#95
Naphthalene
Concen: 2.991 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087041.D
Acq: 16 Jun 2025 18:45

Tgt Ion:128 Resp: 48938

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.2
129	10.4	8.8	13.2