Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085560.D
Acq On : 29 Jan 2025 16:17
Operator : JC\MD
Sample : Q1207-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 30 00:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	161120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149611	57.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.040%			
35) Dibromofluoromethane	8.165	113	112460	52.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	405412	53.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.847	95	114545	44.034	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.060%			
Target Compounds						Qvalue
5) Bromomethane	2.965	94	523	0.365	ug/l #	67
11) Tert butyl alcohol	5.530	59	420	1.410	ug/l #	71
16) Acetone	4.430	43	70089	83.405	ug/l	98
18) Methyl Acetate	5.030	43	3415	1.336	ug/l #	81
20) Methylene Chloride	5.277	84	1847	0.888	ug/l #	74
25) 2-Butanone	7.494	43	7426	6.005	ug/l	96
30) Chloroform	7.959	83	1511	0.385	ug/l #	78
31) Cyclohexane	8.218	56	4989	1.512	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	15090	5.024	ug/l #	50
37) Ethyl Acetate	7.559	43	644	0.212	ug/l #	70
38) Carbon Tetrachloride	8.218	117	18721	5.444	ug/l #	18
43) Isopropyl Acetate	8.688	43	72365	14.895	ug/l #	84
48) Methyl methacrylate	9.665	41	3035	1.388	ug/l #	46
51) 4-Methyl-2-Pentanone	10.447	43	9686	3.436	ug/l #	83
54) cis-1,3-Dichloropropene	10.353	75	19309	5.644	ug/l #	75
56) Ethyl methacrylate	10.988	69	1419	2.322	ug/l #	1
59) 2-Hexanone	11.165	43	97499	49.151	ug/l #	26
68) m/p-Xylenes	12.065	106	944	0.244	ug/l	74
69) o-Xylene	12.400	106	835	0.226	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	65436	29.930	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65436	80.977	ug/l #	3

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

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Instrument :
MSVOA_N
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Quant Time: Jan 30 00:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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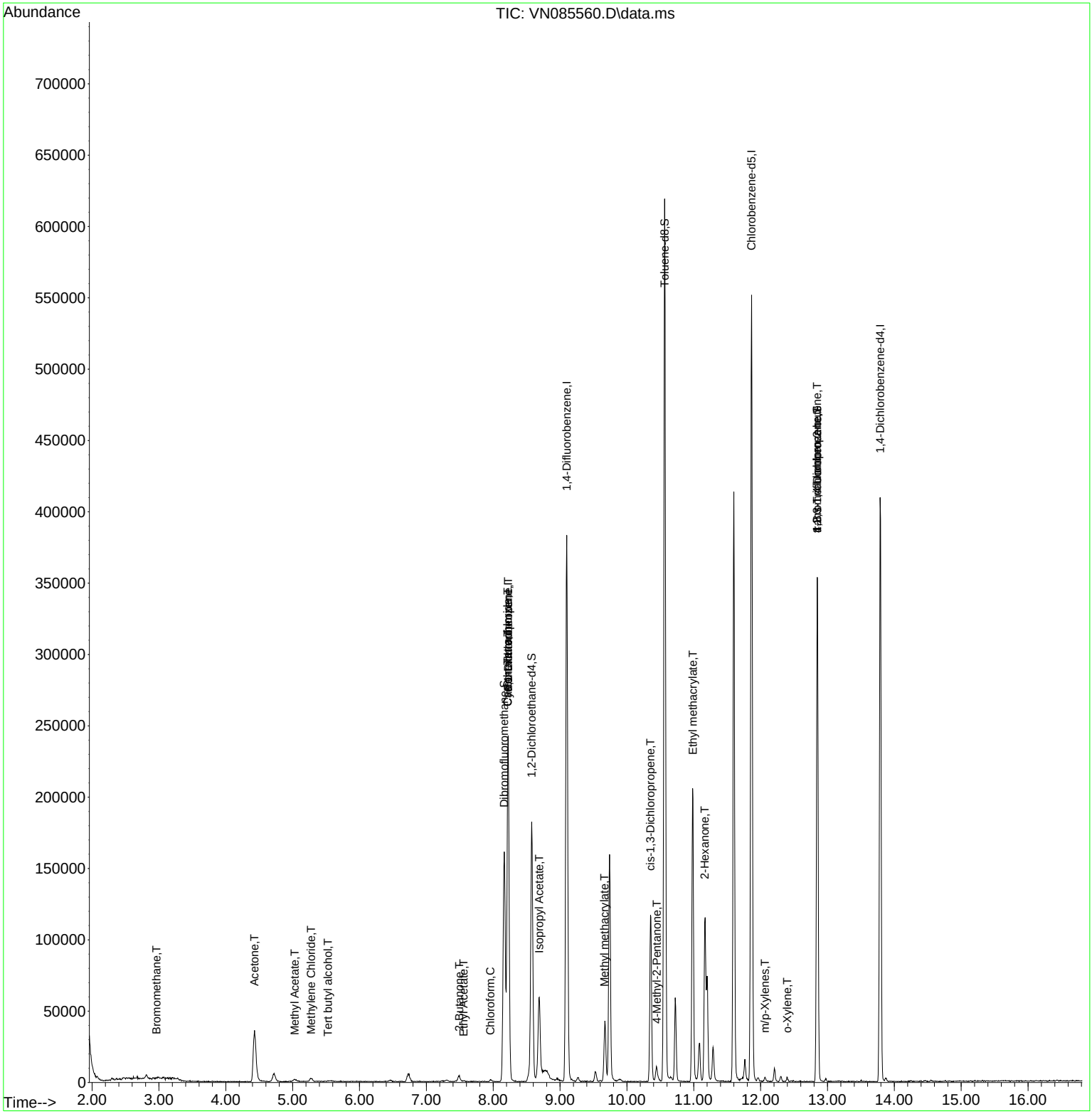
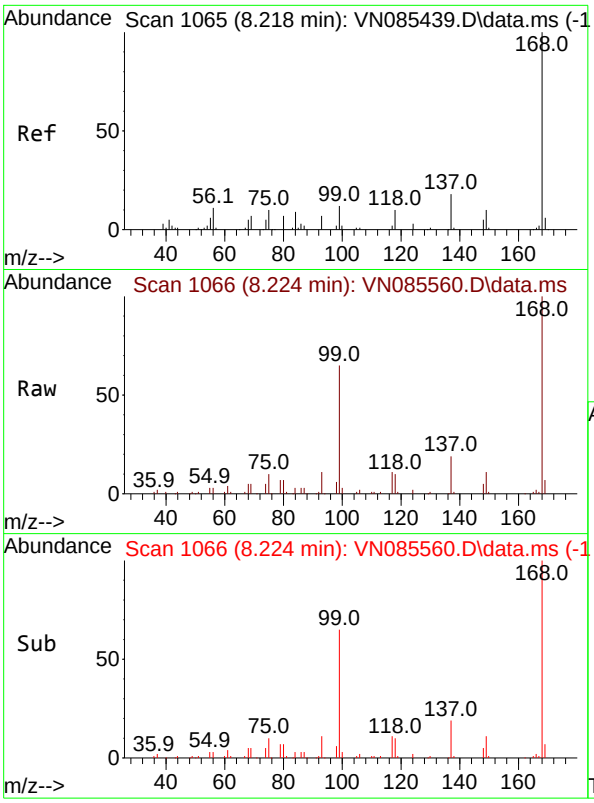


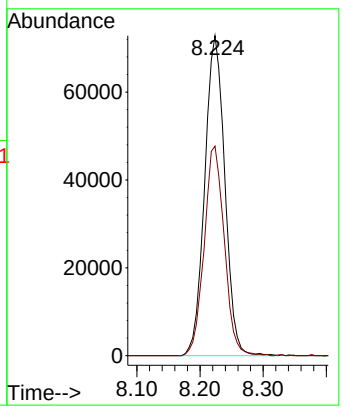


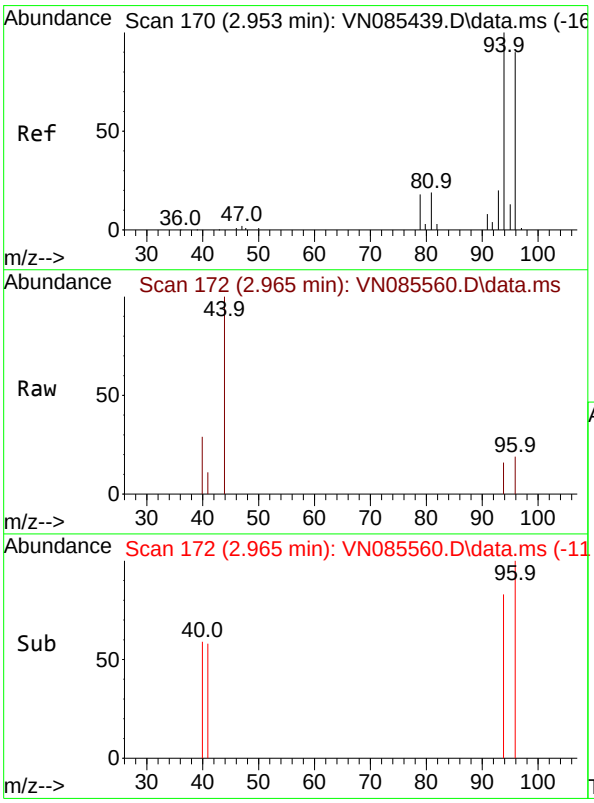
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 161120

Ion	Ratio	Lower	Upper
168	100		
99	65.5	53.6	80.4

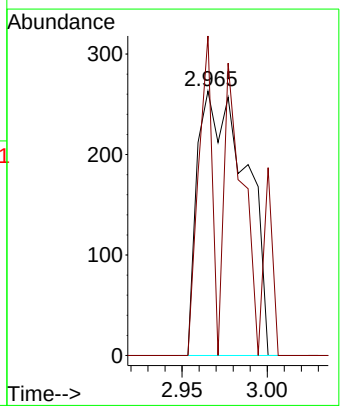


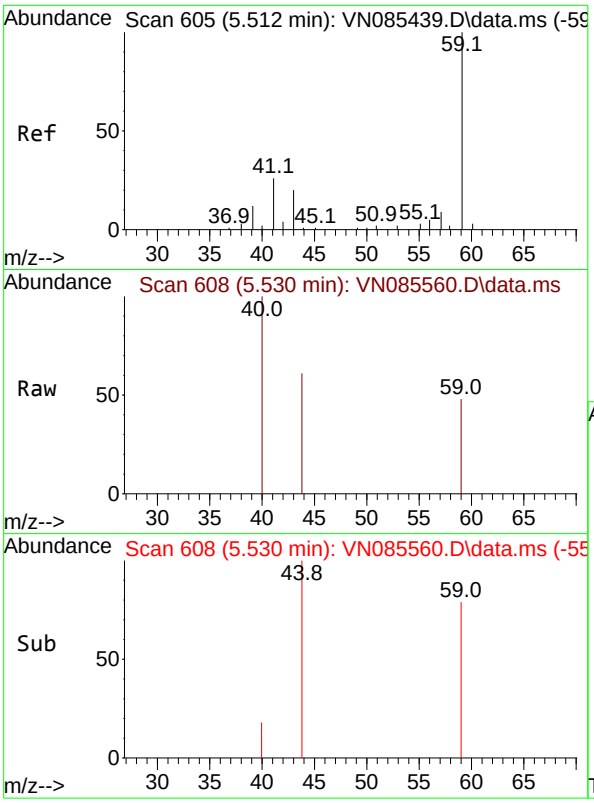


#5
Bromomethane
Concen: 0.365 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 94 Resp: 523

Ion	Ratio	Lower	Upper
94	100		
96	120.9	71.8	107.6#



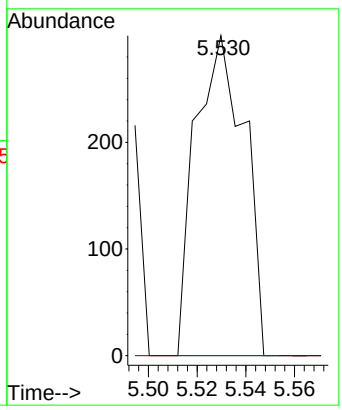


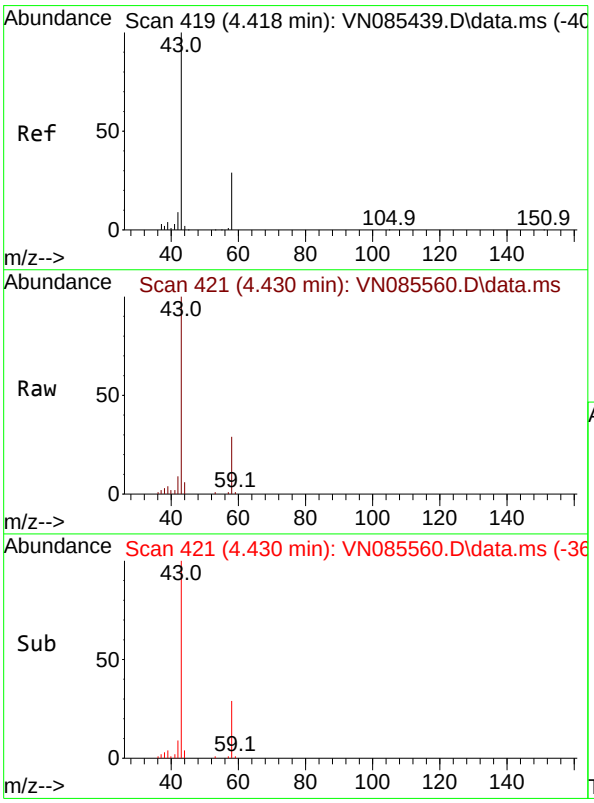
#11
Tert butyl alcohol
Concen: 1.410 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.018 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 420

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

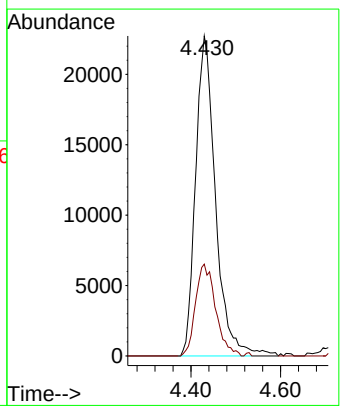


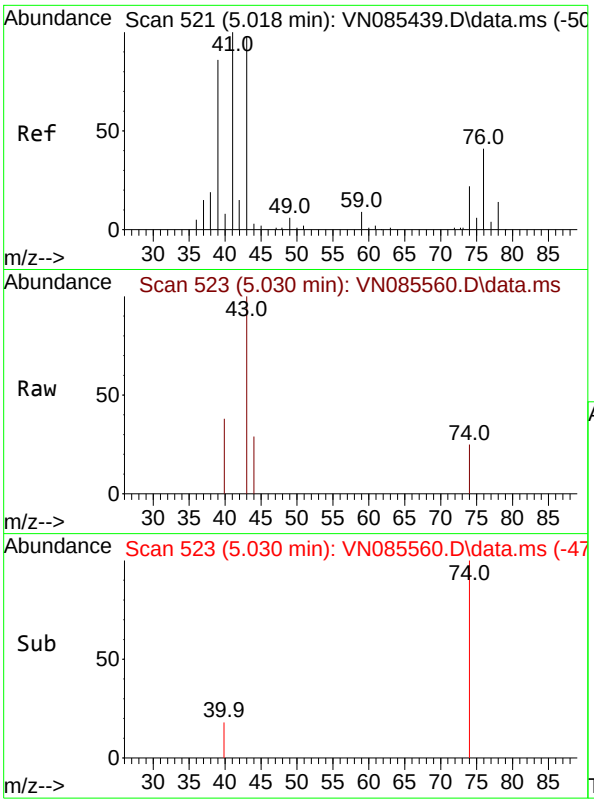


#16
Acetone
Concen: 83.405 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 43 Resp: 70089

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.8	35.6



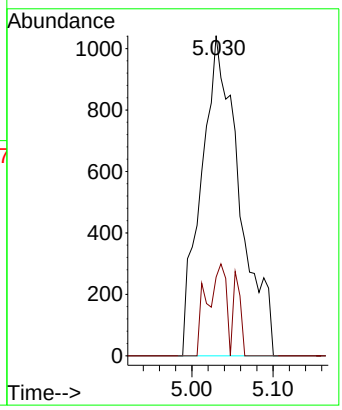


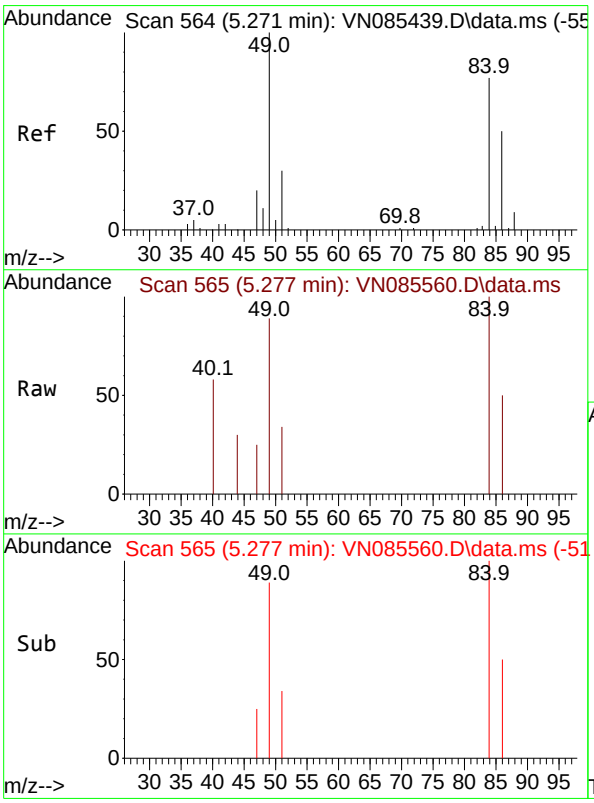
#18
Methyl Acetate
Concen: 1.336 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3415

Ion	Ratio	Lower	Upper
43	100		
74	14.2	18.6	28.0#

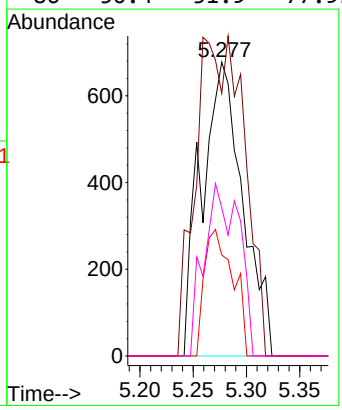


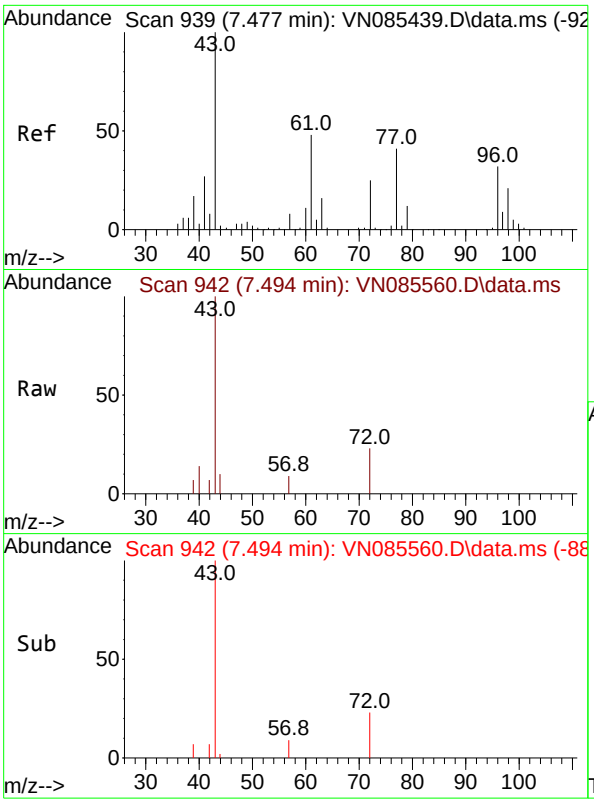


#20
Methylene Chloride
Concen: 0.888 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 84 Resp: 1847

Ion	Ratio	Lower	Upper
84	100		
49	89.4	104.1	156.1#
51	34.4	31.0	46.4
86	50.4	51.9	77.9#



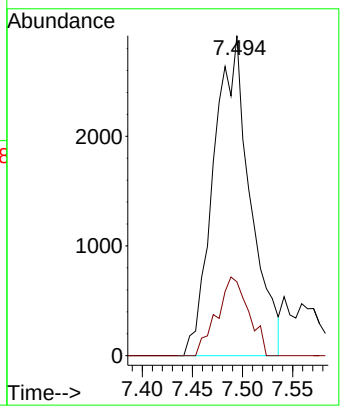


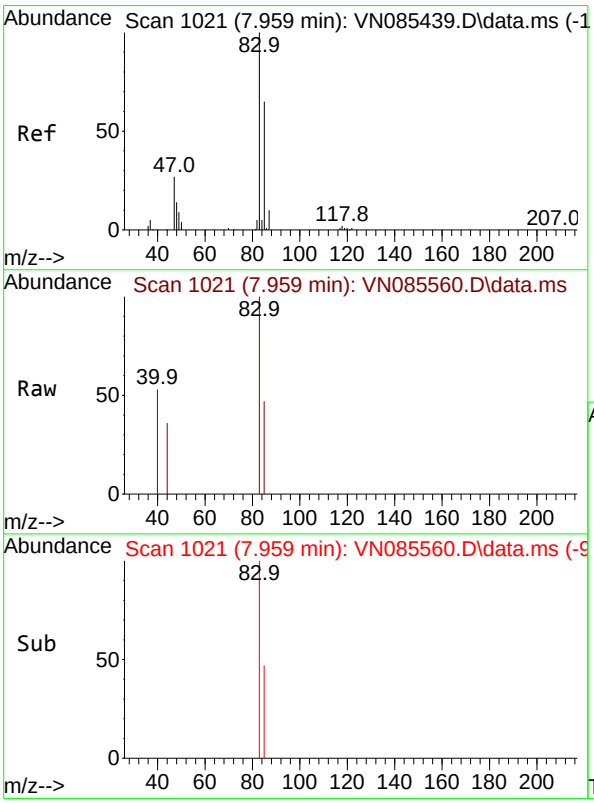
#25
2-Butanone
Concen: 6.005 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7426

Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.2	30.4

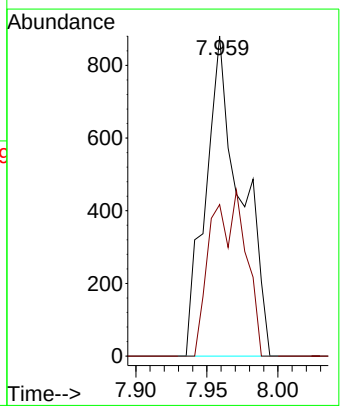


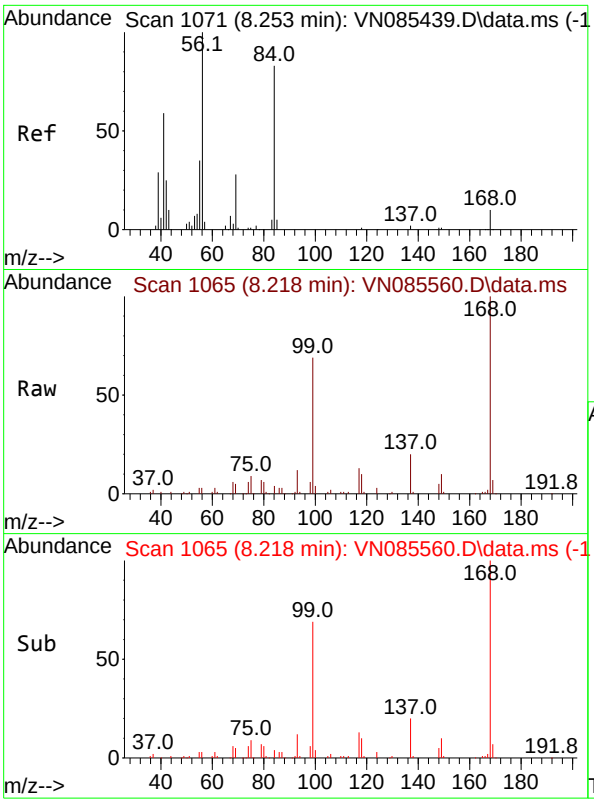


#30
Chloroform
Concen: 0.385 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 83 Resp: 1511

Ion	Ratio	Lower	Upper
83	100		
85	47.3	51.8	77.6#



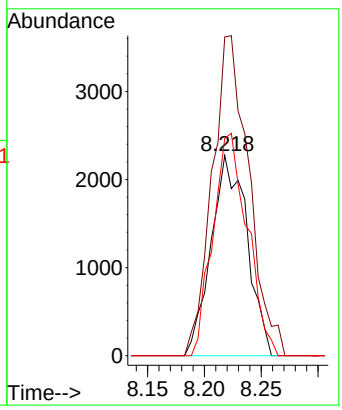


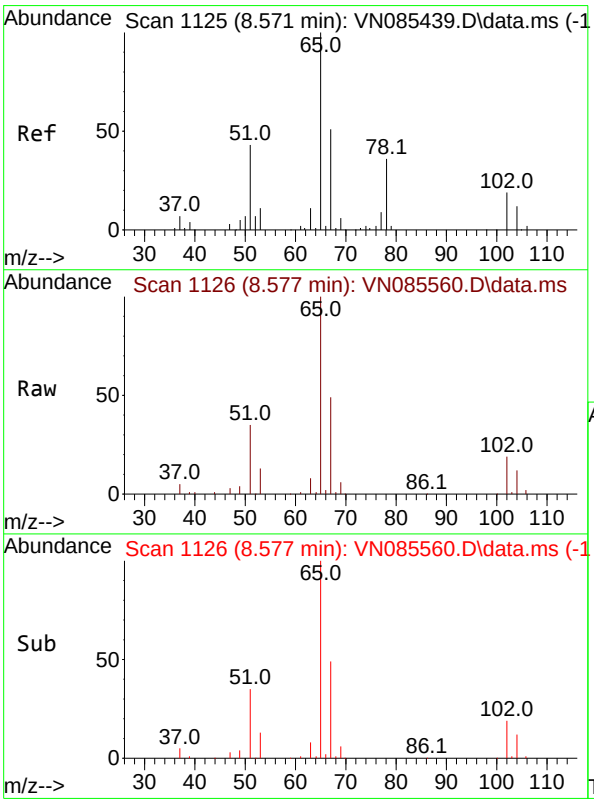
#31
Cyclohexane
Concen: 1.512 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4989

Ion	Ratio	Lower	Upper
56	100		
69	159.2	22.2	33.4#
84	108.5	66.4	99.6#

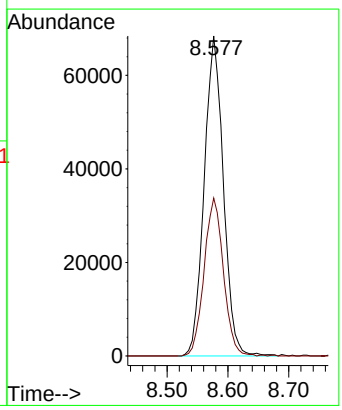


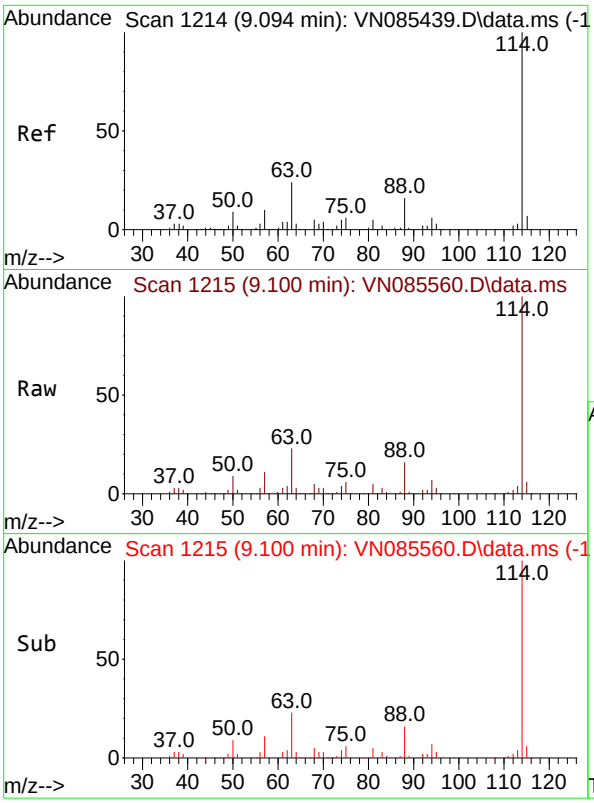


#33
1,2-Dichloroethane-d4
Concen: 57.525 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 65 Resp: 149611

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6



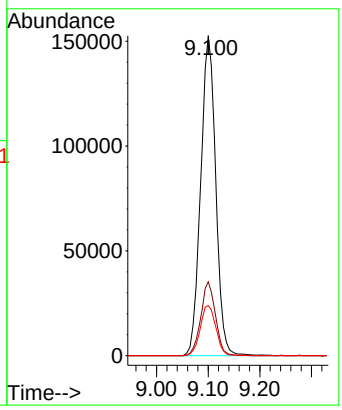


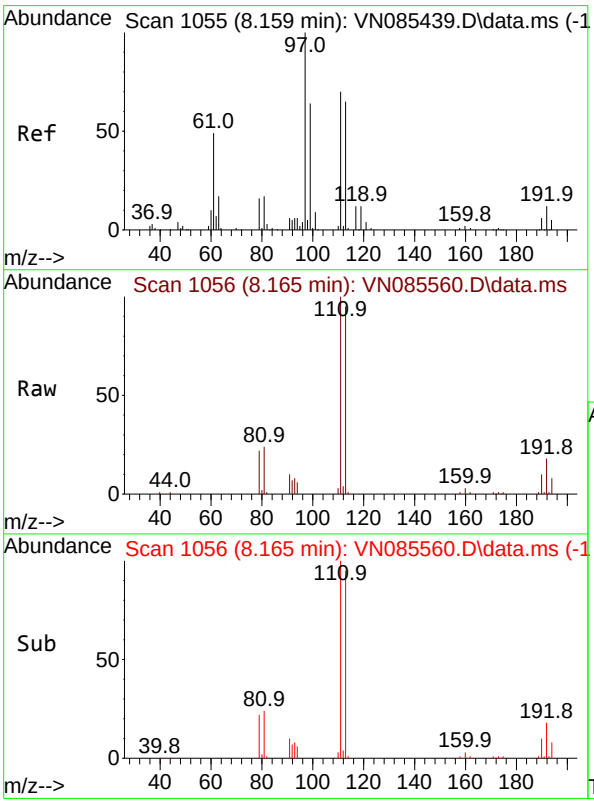
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 308507

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	15.7	0.0	32.6

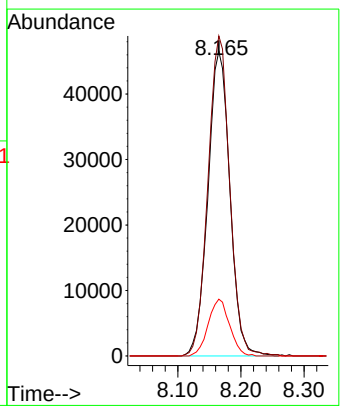


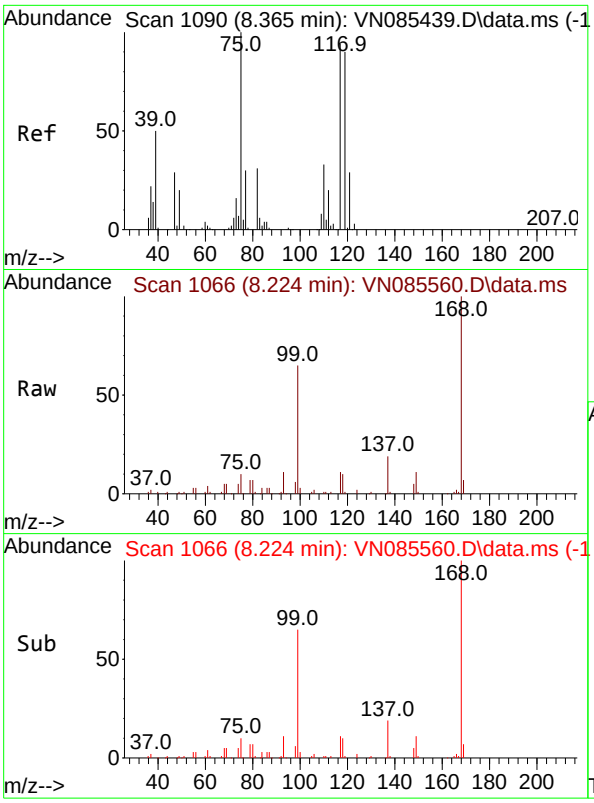


#35
Dibromofluoromethane
Concen: 52.545 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion:113 Resp: 112460

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	18.1	14.3	21.5



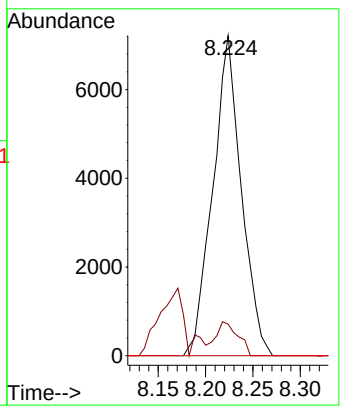


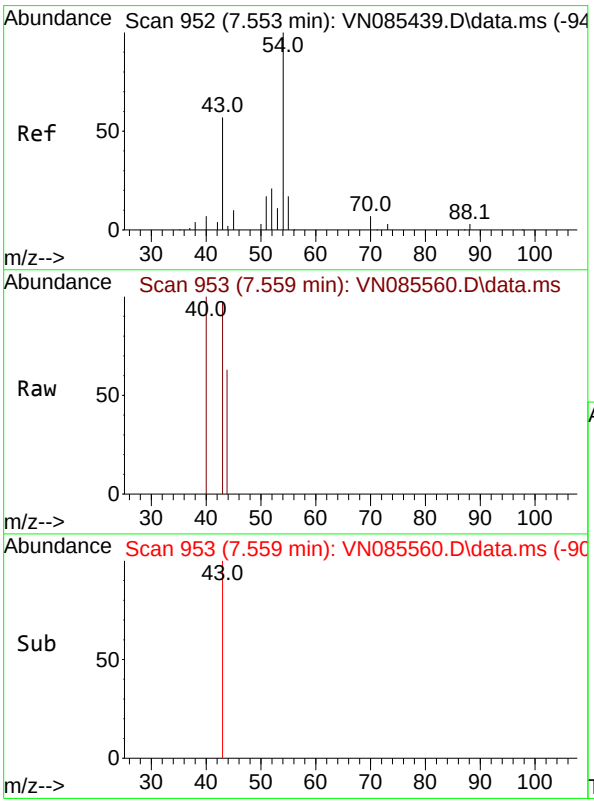
#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15090

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.5	49.5#
77	0.0	24.4	36.6#

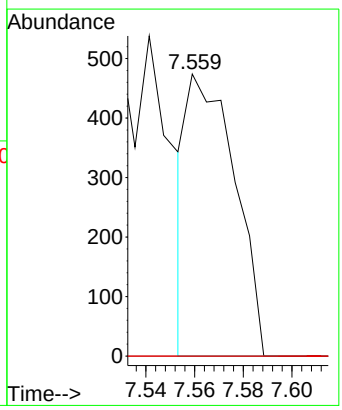


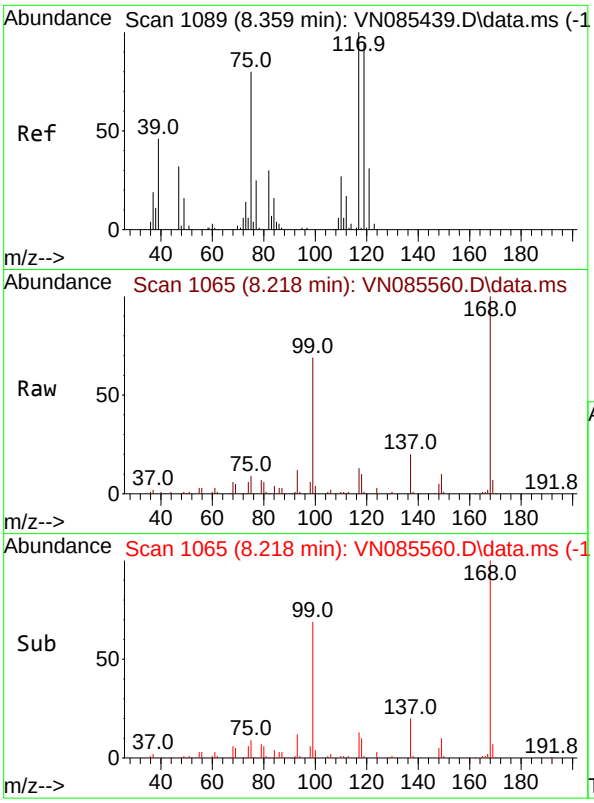


#37
Ethyl Acetate
Concen: 0.212 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 43 Resp: 644

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.5	11.3#



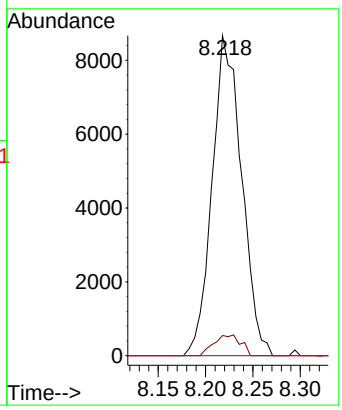


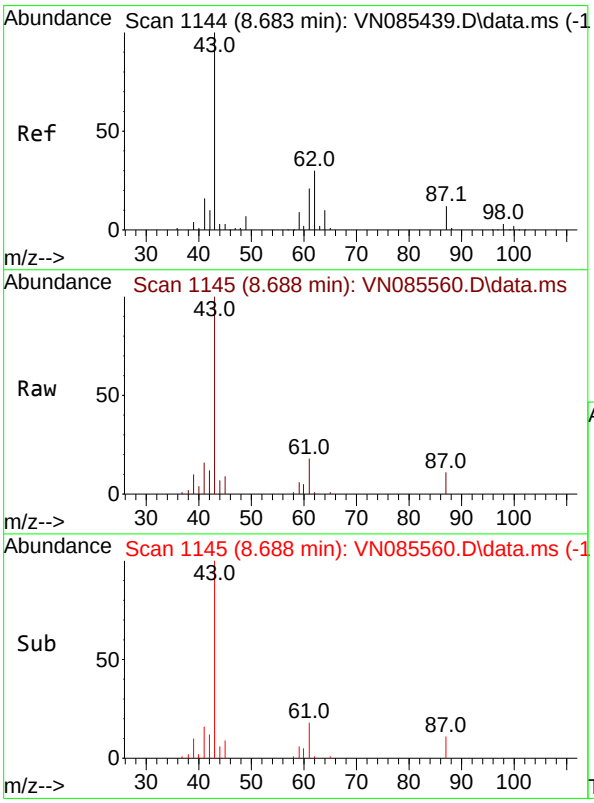
#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 18721

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.4	113.2#
121	0.0	24.6	37.0#

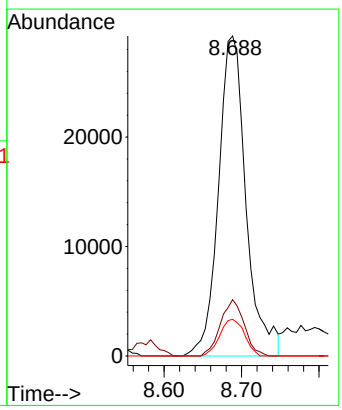


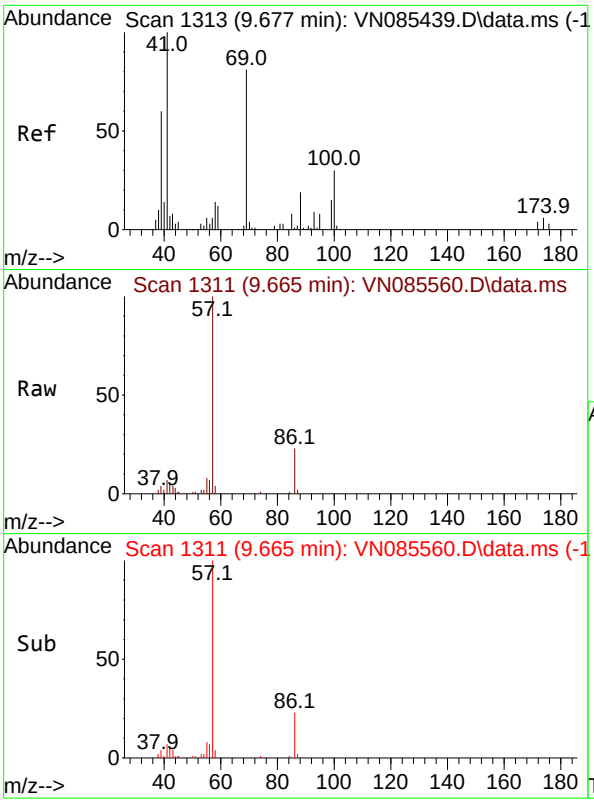


#43
Isopropyl Acetate
Concen: 14.895 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 43 Resp: 72365

Ion	Ratio	Lower	Upper
43	100		
61	15.1	20.7	31.1#
87	10.2	9.8	14.8



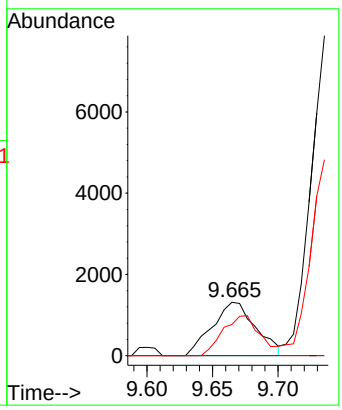


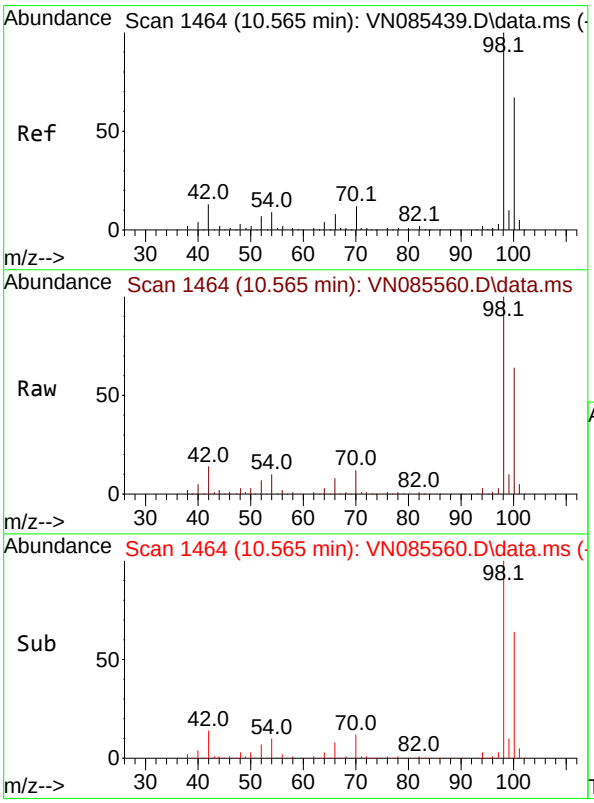
#48
Methyl methacrylate
Concen: 1.388 ug/l
RT: 9.665 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3035

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	64.3	49.0	73.6

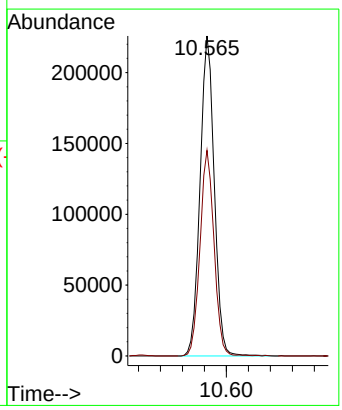


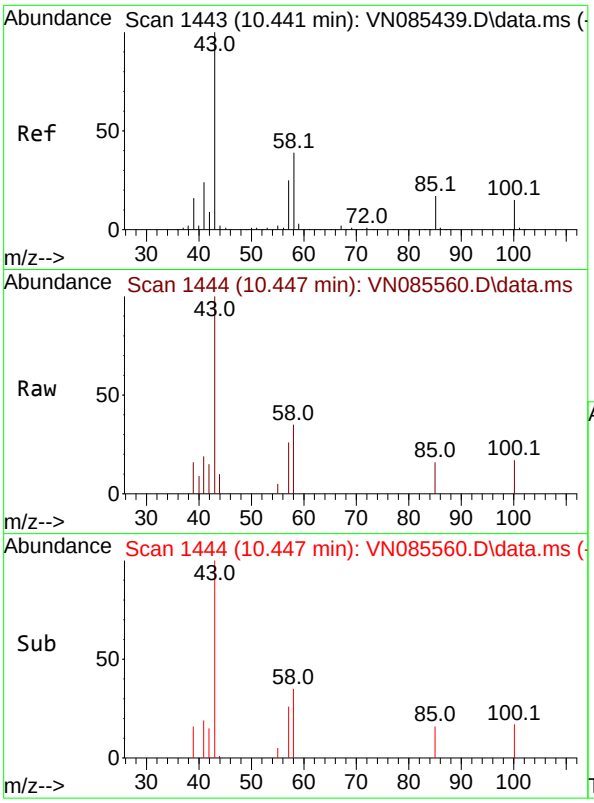


#50
Toluene-d8
Concen: 53.313 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 98 Resp: 405412

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.4



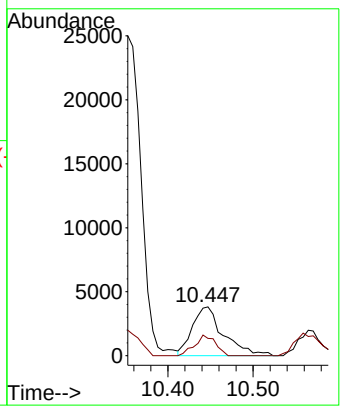


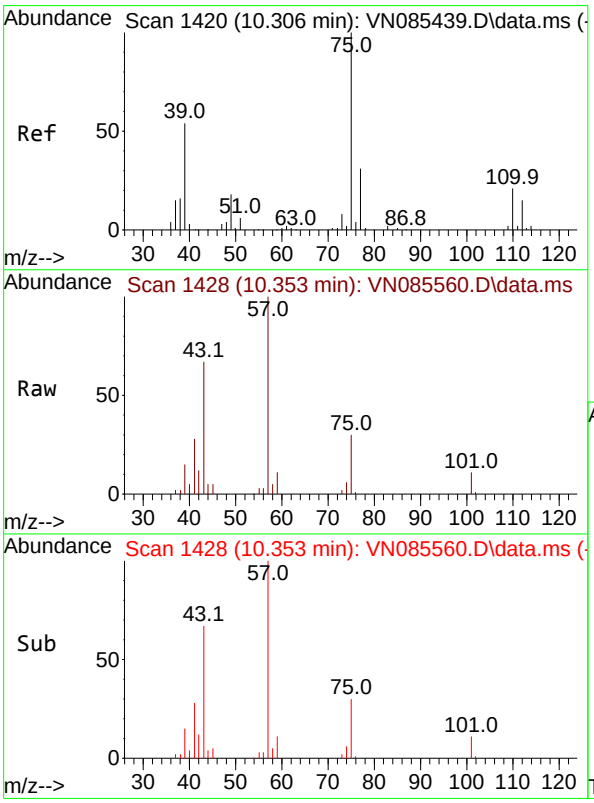
#51
4-Methyl-2-Pentanone
Concen: 3.436 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9686

Ion	Ratio	Lower	Upper
43	100		
58	27.9	30.5	45.7#

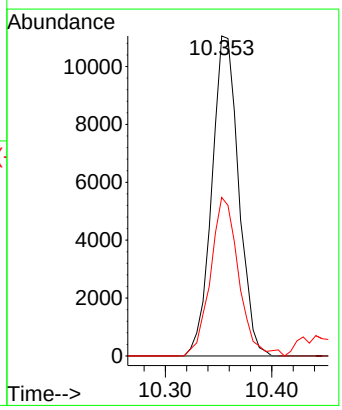


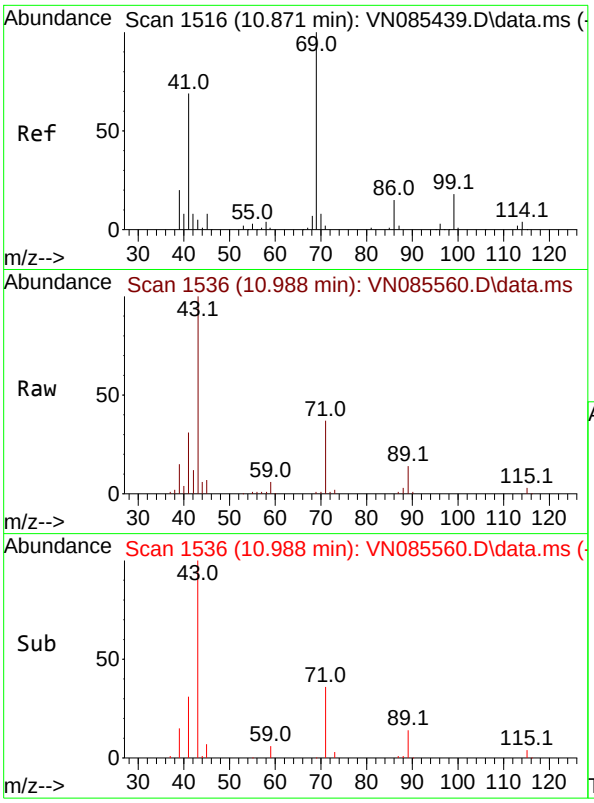


#54
cis-1,3-Dichloropropene
Concen: 5.644 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 75 Resp: 19309

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	49.6	43.1	64.7



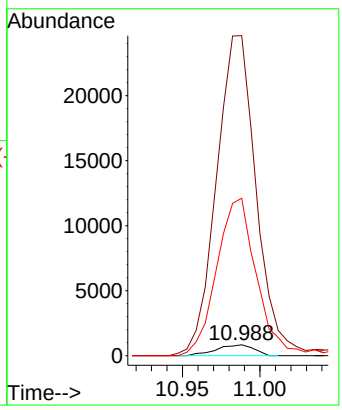


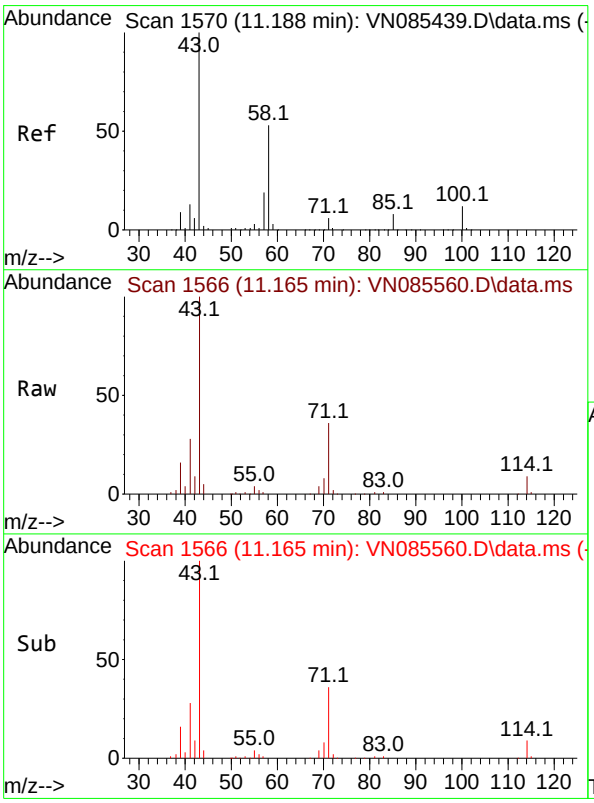
#56
Ethyl methacrylate
Concen: 2.322 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.117 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1419

Ion	Ratio	Lower	Upper
69	100		
41	3110.4	54.6	82.0#
39	1532.4	32.4	48.6#

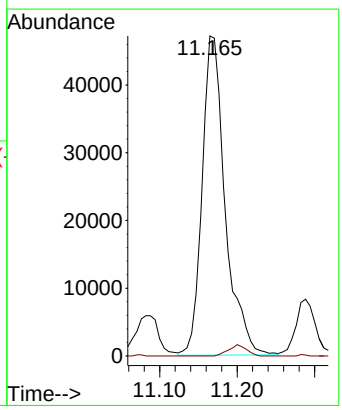


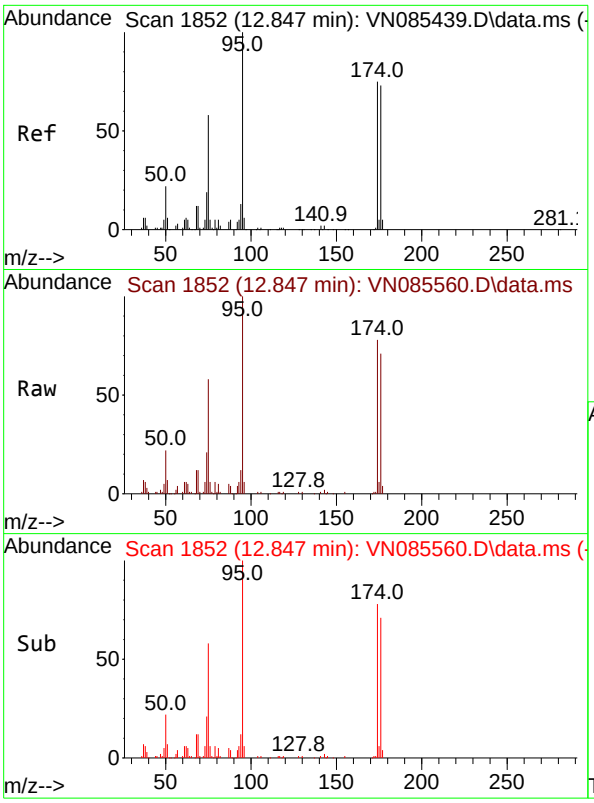


#59
2-Hexanone
Concen: 49.151 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.024 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 43 Resp: 97499

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	78.6#



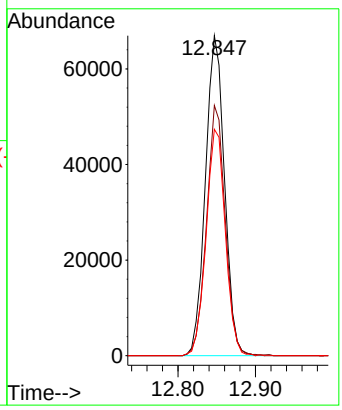


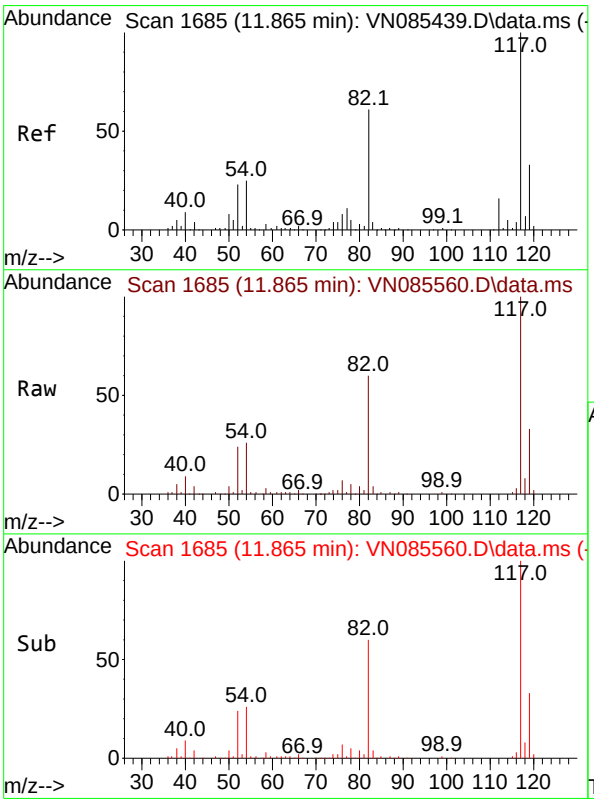
#62
4-Bromofluorobenzene
Concen: 44.034 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 114545

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	145.0
176	71.2	0.0	142.4

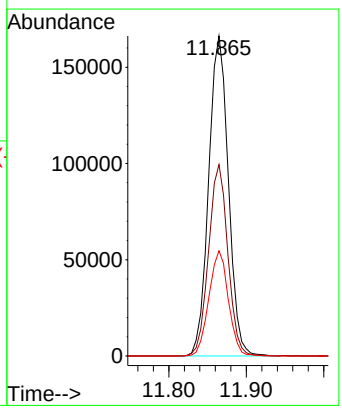


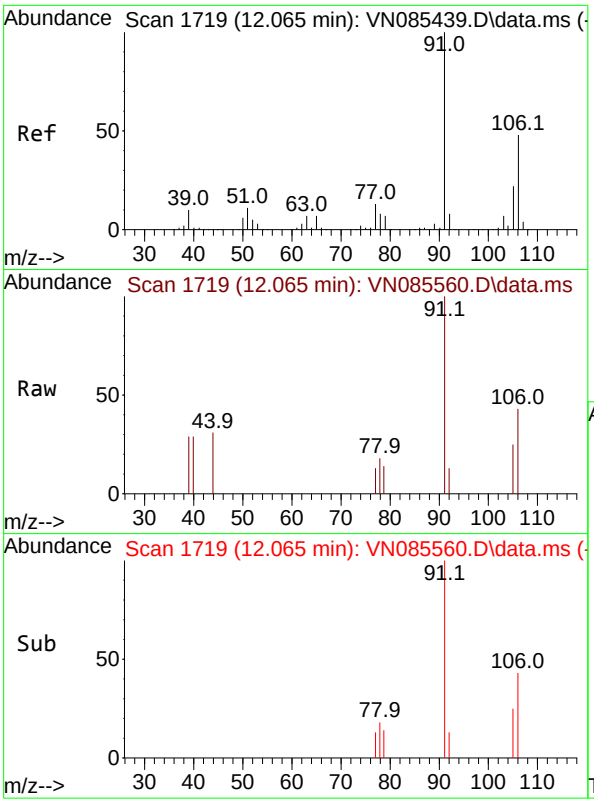


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion:117 Resp: 293568

Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.6	72.8
119	32.8	26.6	39.8



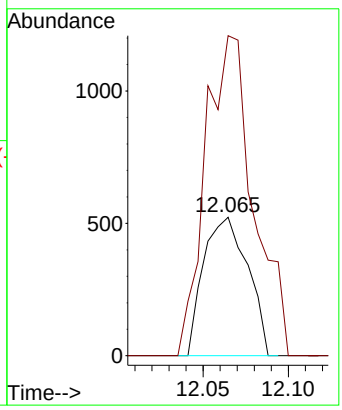


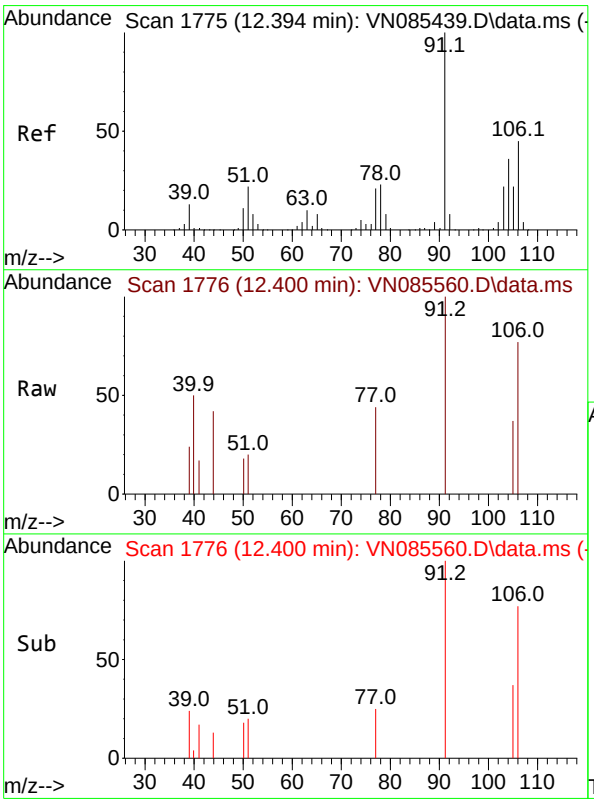
#68
m/p-Xylenes
Concen: 0.244 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 944

Ion	Ratio	Lower	Upper
106	100		
91	250.8	167.7	251.5

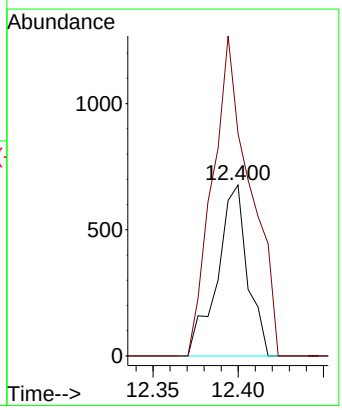


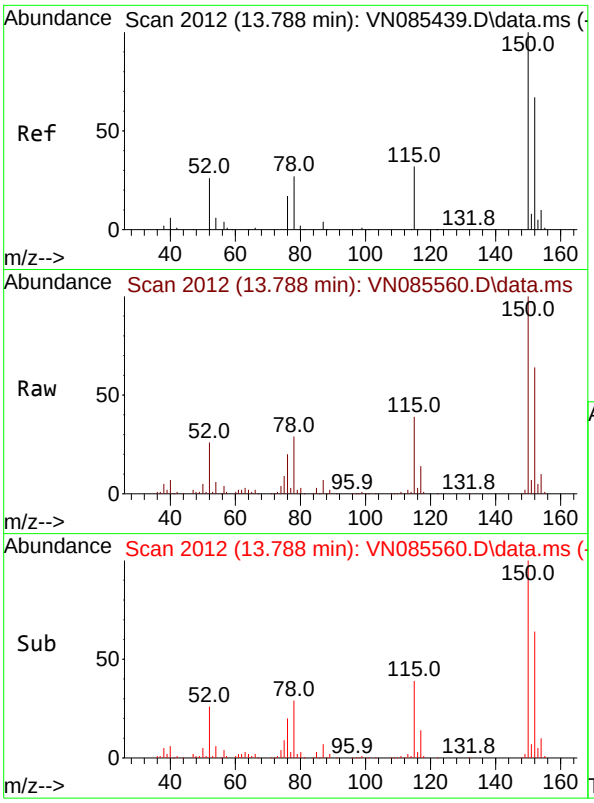


#69
o-Xylene
Concen: 0.226 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion:106 Resp: 835

Ion	Ratio	Lower	Upper
106	100		
91	232.6	110.4	331.2



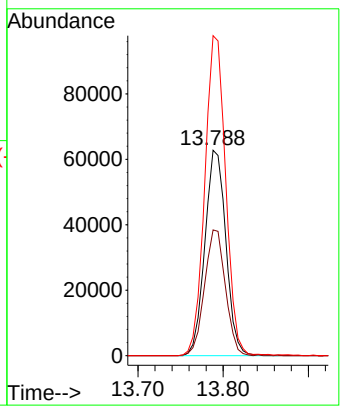


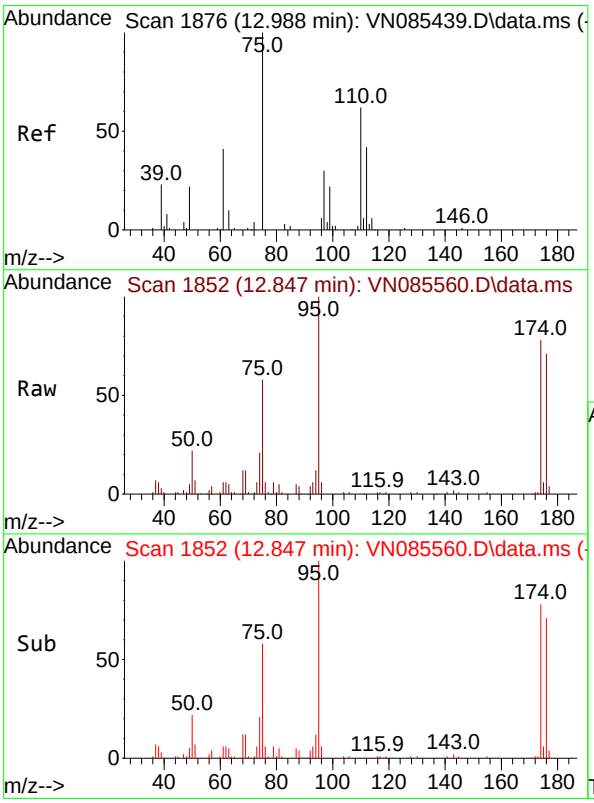
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 107567

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.1	93.3
150	154.7	0.0	343.6

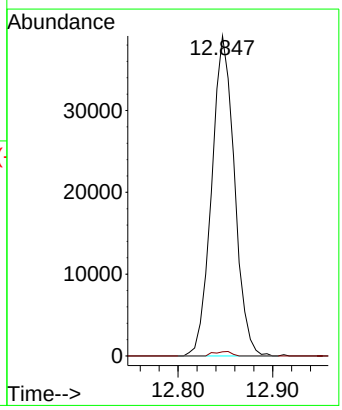


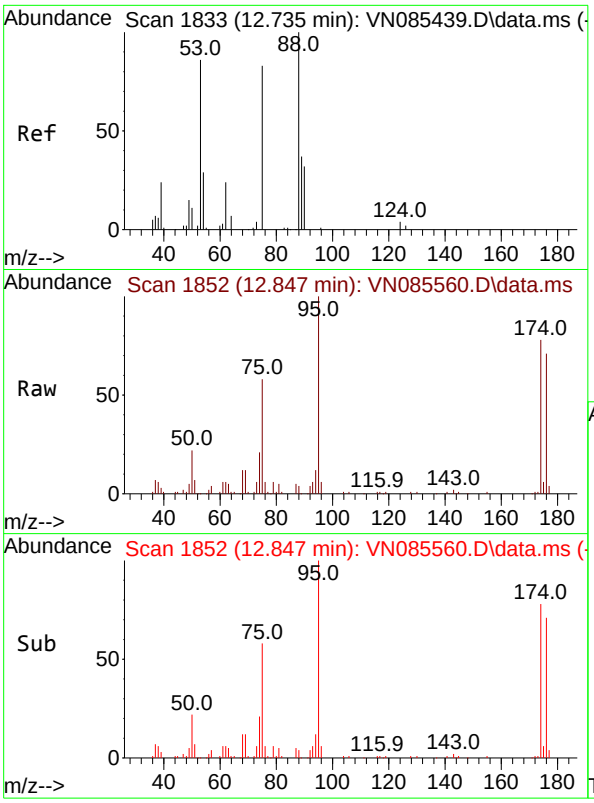


#76
1,2,3-Trichloropropane
Concen: 29.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Tgt Ion: 75 Resp: 65436

Ion	Ratio	Lower	Upper
75	100		
77	1.1	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.977 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085560.D
Acq: 29 Jan 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65436

Ion	Ratio	Lower	Upper
75	100		
53	0.2	95.6	143.4#
89	0.1	37.0	55.6#