Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085462.D
Acq On : 15 Jan 2025 15:24
Operator : JC\MD
Sample : Q1076-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Quant Time: Jan 16 01:00:08 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	180925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158732	54.351	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	8.165	113	117353	49.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	10.565	98	435648	51.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	136589	47.490	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.980%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	595	0.224	ug/l #	41
11) Tert butyl alcohol	5.506	59	1491	4.459	ug/l #	71
13) Acrolein	4.189	56	192	0.421	ug/l #	14
16) Acetone	4.424	43	106812	113.191	ug/l	99
18) Methyl Acetate	5.018	43	2912	1.015	ug/l	96
20) Methylene Chloride	5.277	84	4655	1.993	ug/l	95
23) Vinyl Acetate	6.459	43	3164	0.646	ug/l #	72
25) 2-Butanone	7.483	43	10567	7.610	ug/l	99
29) Tetrahydrofuran	7.841	42	382	0.434	ug/l #	34
30) Chloroform	7.959	83	1549	0.351	ug/l #	78
31) Cyclohexane	8.218	56	5094	1.374	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	17055	5.135	ug/l #	49
37) Ethyl Acetate	7.565	43	3917	1.168	ug/l #	73
38) Carbon Tetrachloride	8.224	117	20633	5.426	ug/l #	17
42) 1,2-Dichloroethane	8.671	62	1017	0.271	ug/l #	76
43) Isopropyl Acetate	8.683	43	188319	35.058	ug/l #	81
45) 1,2-Dichloropropane	9.730	63	1464	0.574	ug/l #	43
48) Methyl methacrylate	9.659	41	4670	1.932	ug/l #	48
51) 4-Methyl-2-Pentanone	10.441	43	14573	4.675	ug/l #	79
54) cis-1,3-Dichloropropene	10.353	75	42271	11.175	ug/l #	71
56) Ethyl methacrylate	10.818	69	56	1.945	ug/l #	23
57) 1,3-Dichloropropane	11.200	76	5552	1.395	ug/l #	43
59) 2-Hexanone	11.165	43	110781	50.509	ug/l #	26
71) Bromoform	12.847	173	1133	0.626	ug/l #	1
74) N-amyl acetate	12.453	43	3349	0.933	ug/l #	45
76) 1,2,3-Trichloropropane	12.847	75	77039	32.034	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77039	86.671	ug/l #	3

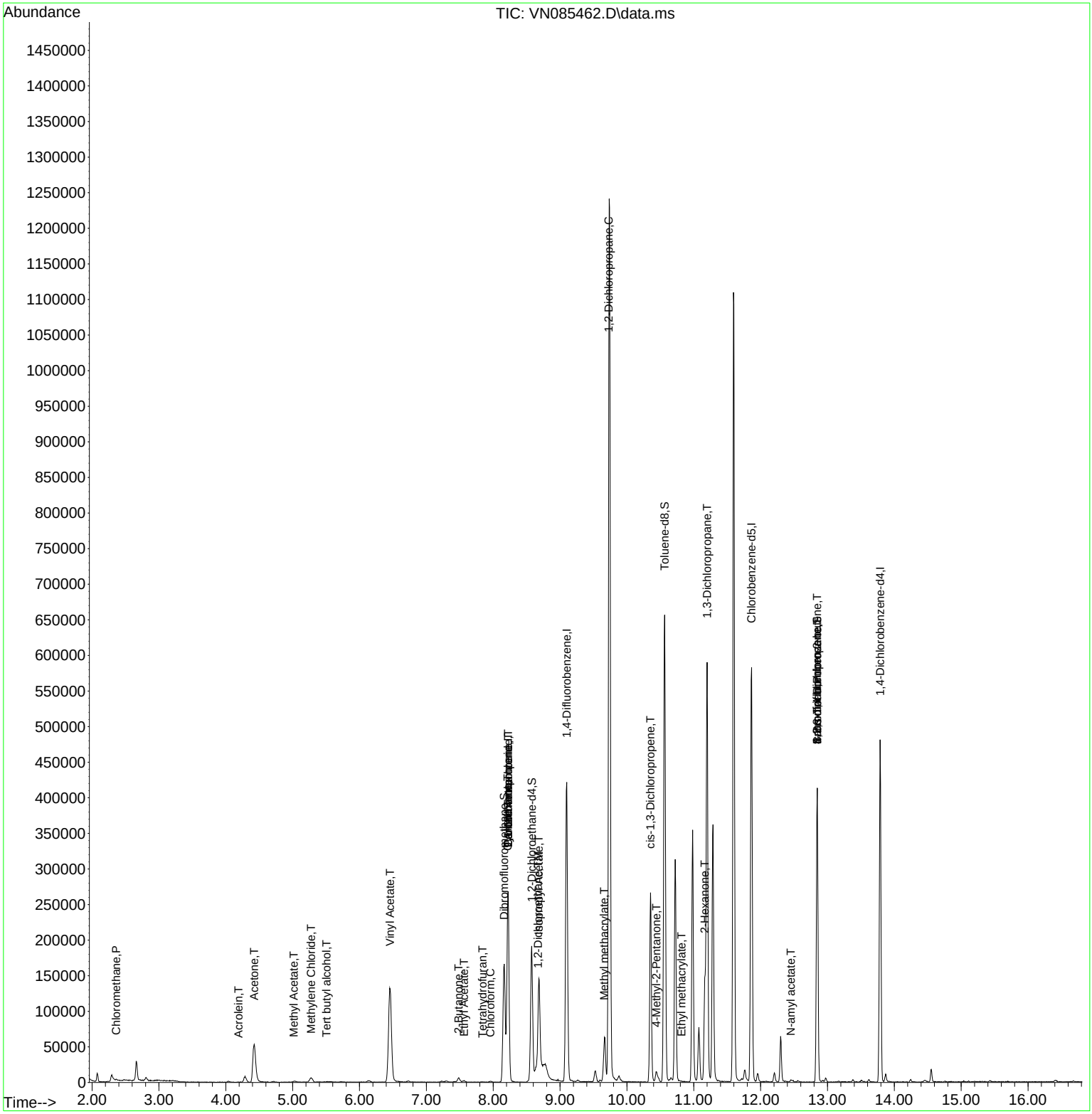
(#) = qualifier out of range (m) = manual integration (+) = signals summed

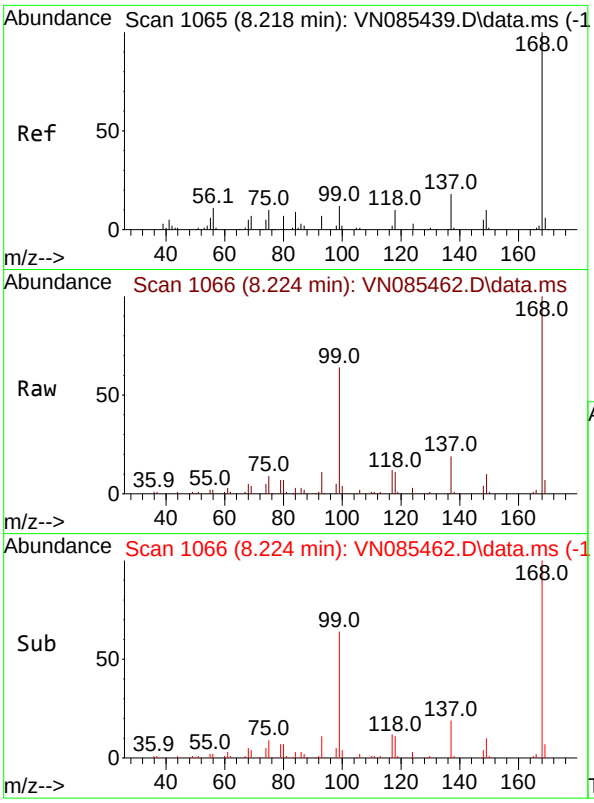
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085462.D
Acq On : 15 Jan 2025 15:24
Operator : JC\MD
Sample : Q1076-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Quant Time: Jan 16 01:00:08 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



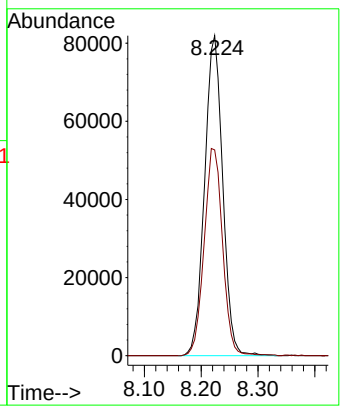


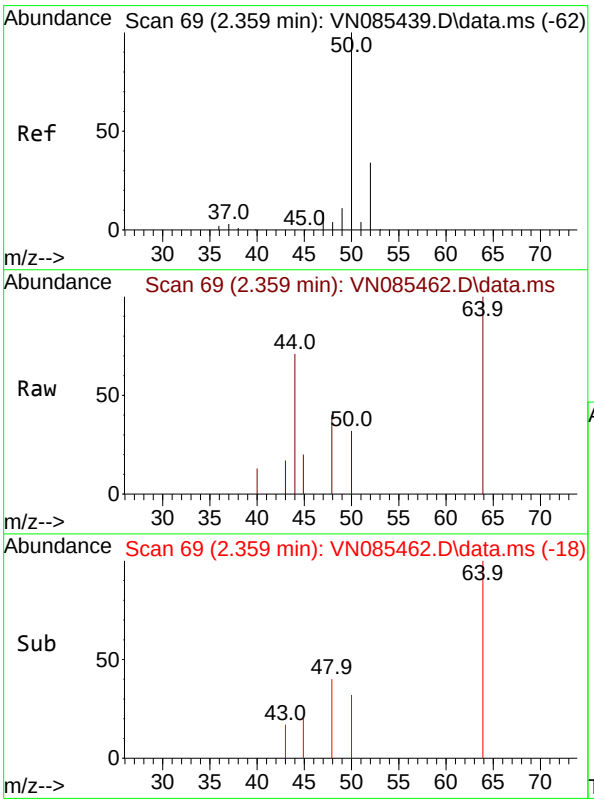
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion:168 Resp: 180925

Ion	Ratio	Lower	Upper
168	100		
99	64.3	53.6	80.4

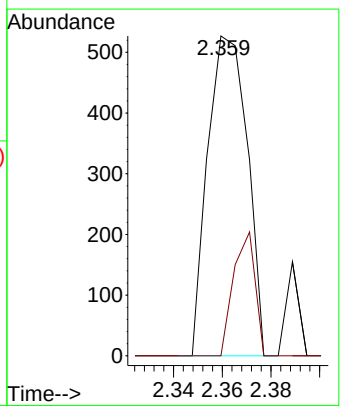


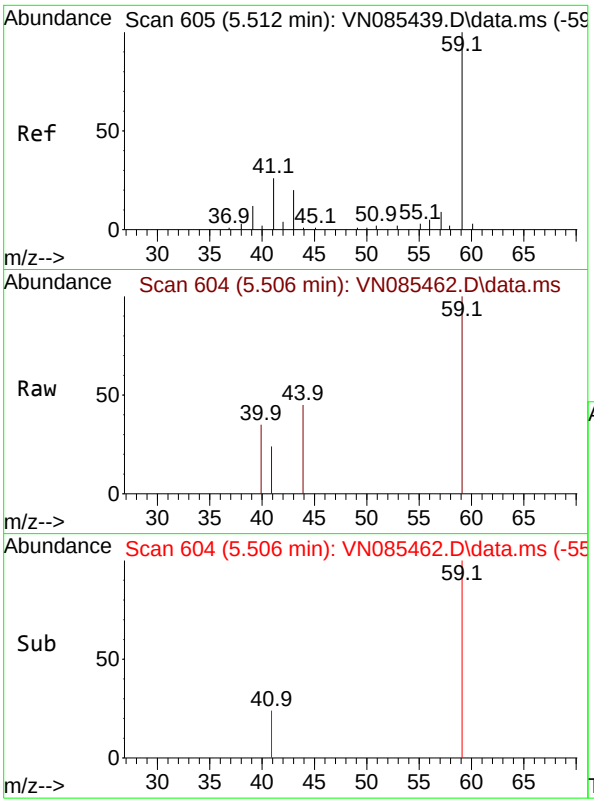


#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 50 Resp: 595

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



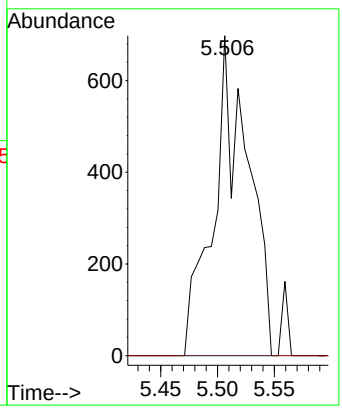


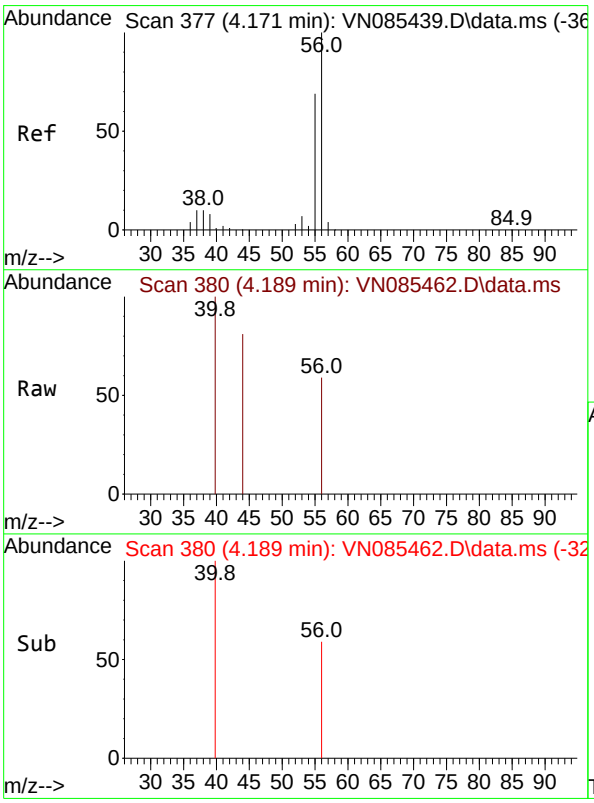
#11
Tert butyl alcohol
Concen: 4.459 ug/l
RT: 5.506 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 59 Resp: 1491

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

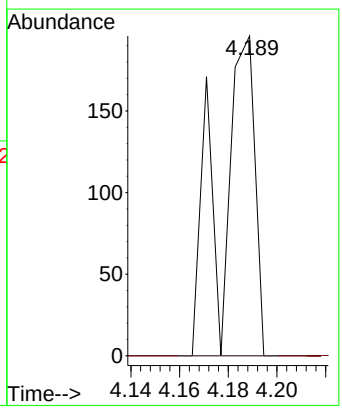


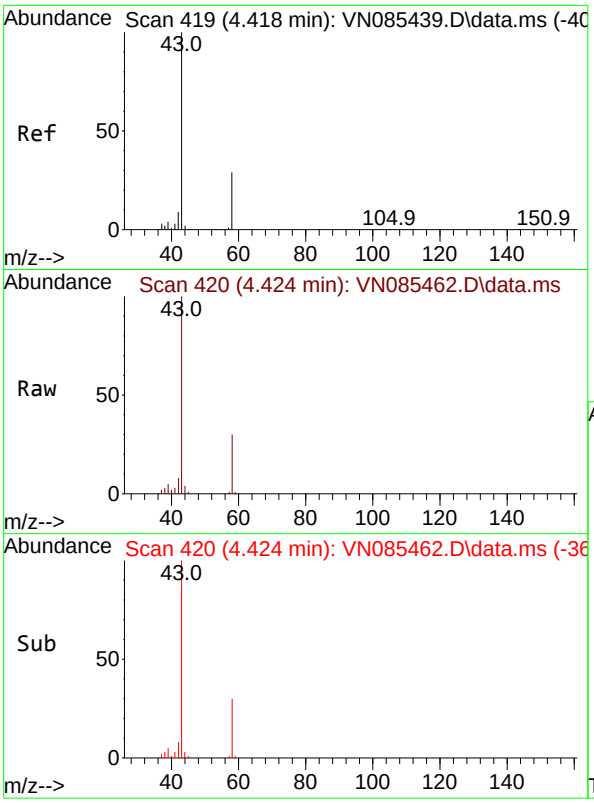


#13
Acrolein
Concen: 0.421 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 56 Resp: 192

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.3	84.5#



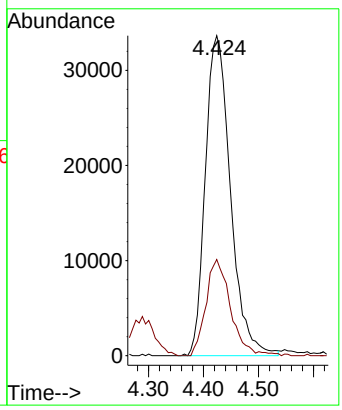


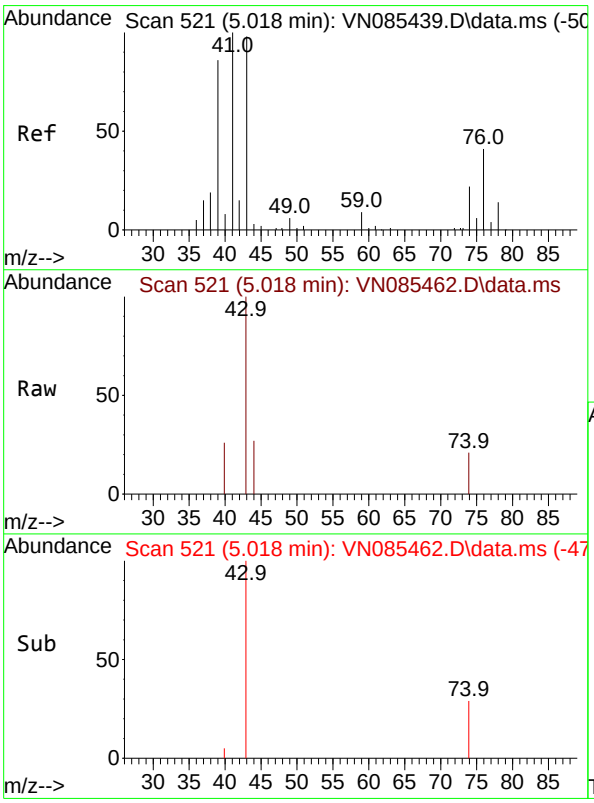
#16
Acetone
Concen: 113.191 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 106812

Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.6

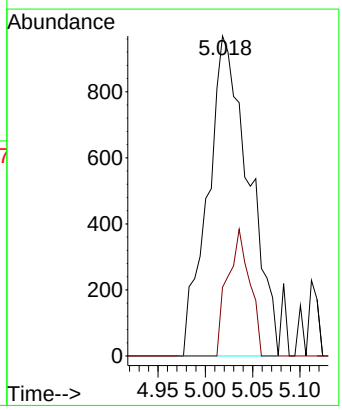


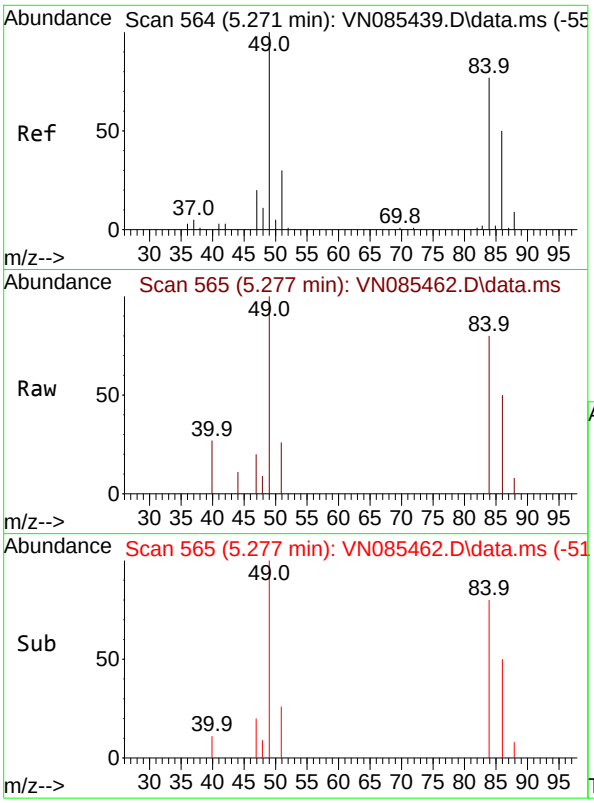


#18
Methyl Acetate
Concen: 1.015 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 43 Resp: 2912

Ion	Ratio	Lower	Upper
43	100		
74	21.5	18.6	28.0



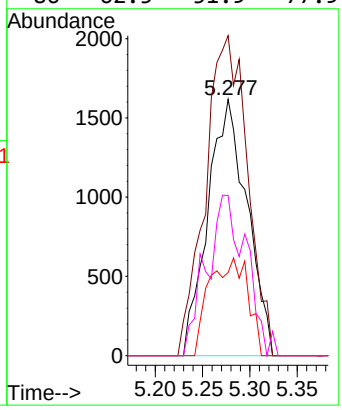


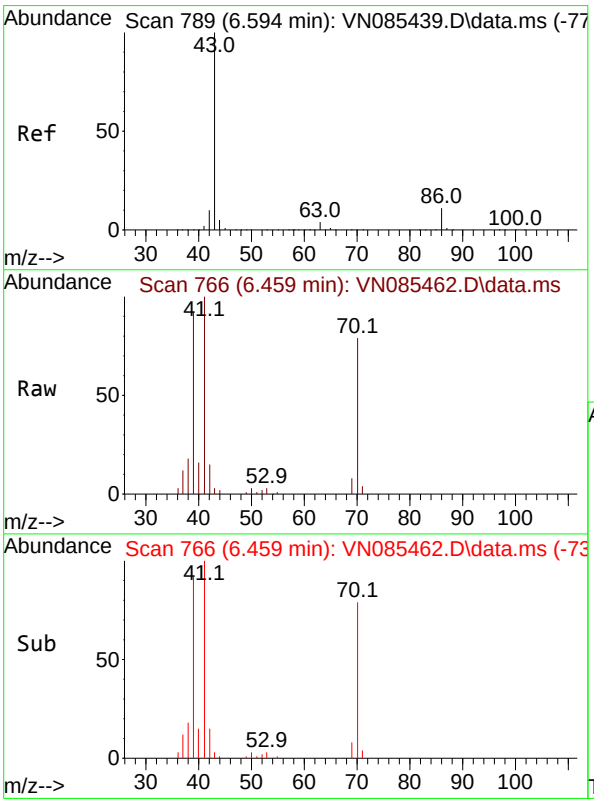
#20
Methylene Chloride
Concen: 1.993 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 84 Resp: 4655

Ion	Ratio	Lower	Upper
84	100		
49	124.9	104.1	156.1
51	32.5	31.0	46.4
86	62.5	51.9	77.9

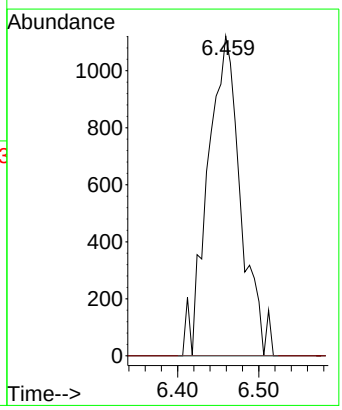


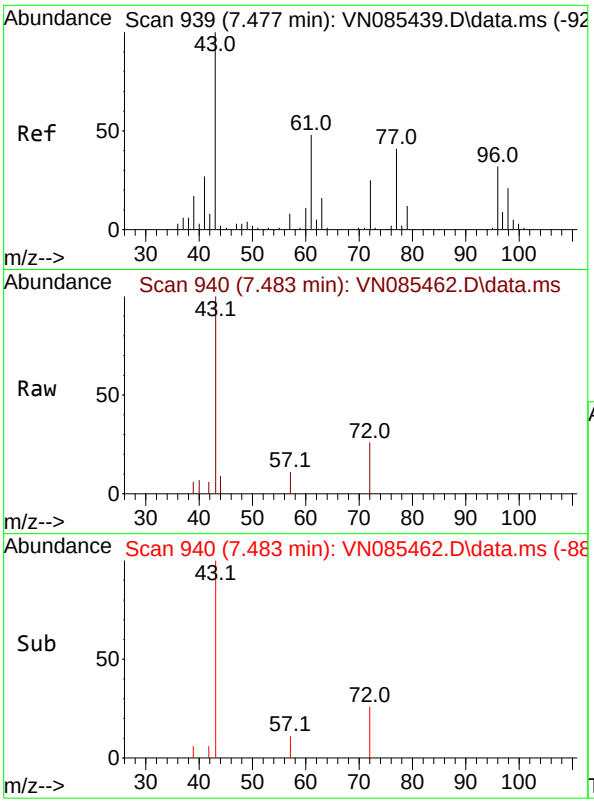


#23
Vinyl Acetate
Concen: 0.646 ug/l
RT: 6.459 min Scan# 766
Delta R.T. -0.135 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 43 Resp: 3164

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.4	12.6#



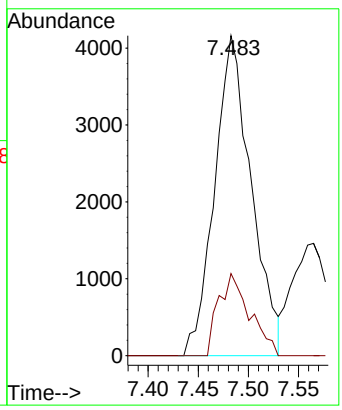


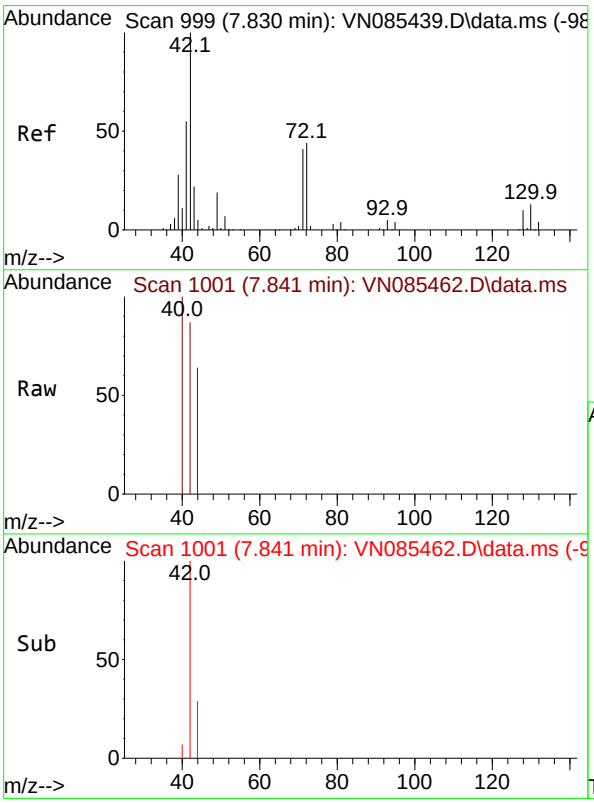
#25
2-Butanone
Concen: 7.610 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 10567

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.2	30.4

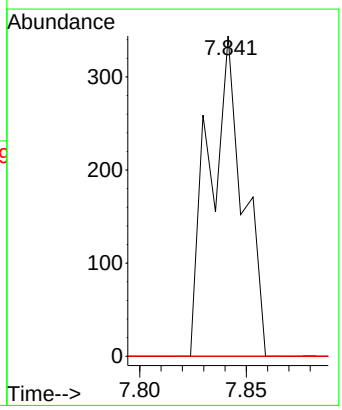


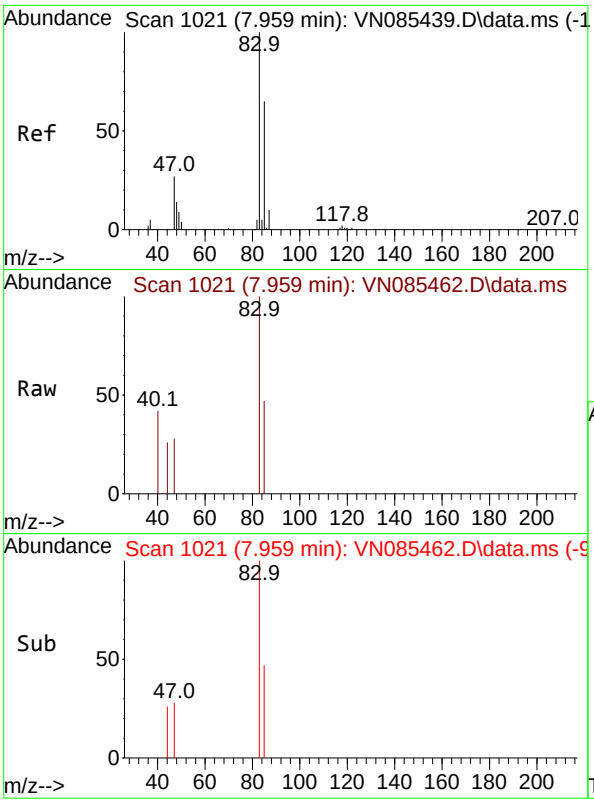


#29
Tetrahydrofuran
Concen: 0.434 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 42 Resp: 382

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	32.5	48.7#



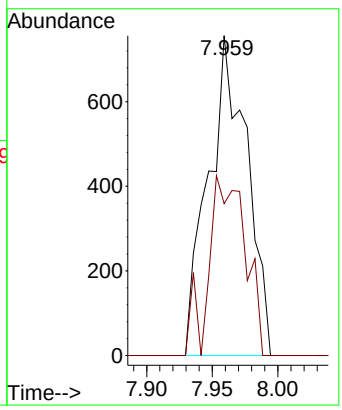


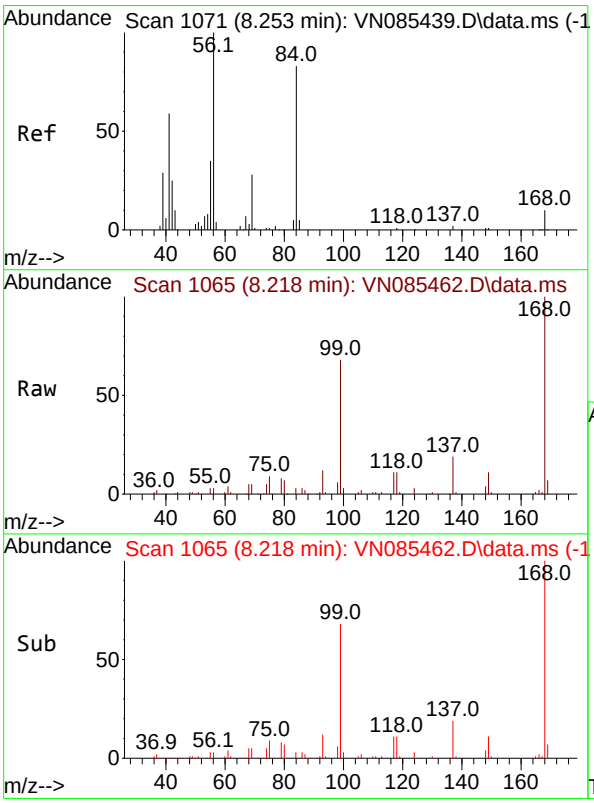
#30
Chloroform
Concen: 0.351 ug/l
RT: 7.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 83 Resp: 1549

Ion	Ratio	Lower	Upper
83	100		
85	47.5	51.8	77.6#

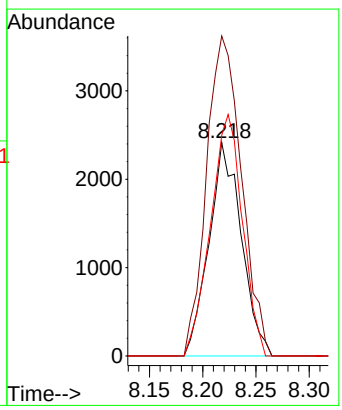


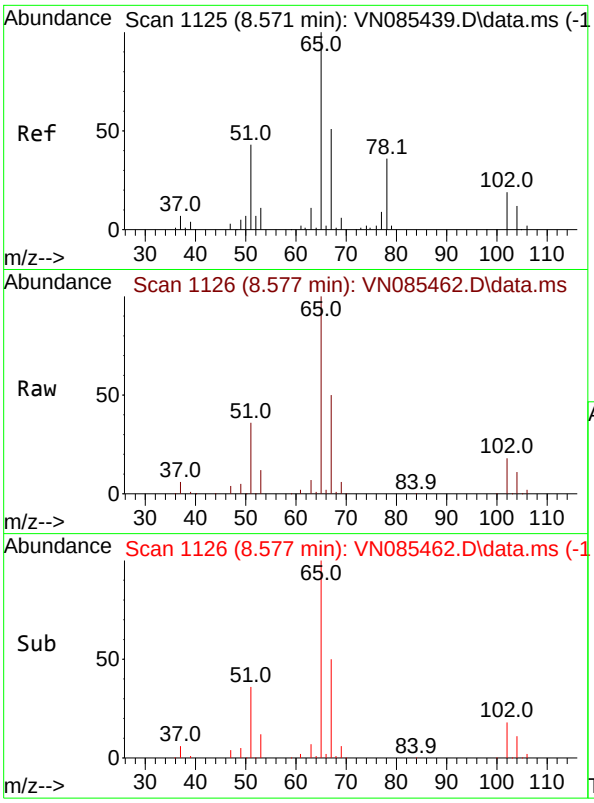


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 56 Resp: 5094

Ion	Ratio	Lower	Upper
56	100		
69	150.0	22.2	33.4#
84	103.4	66.4	99.6#



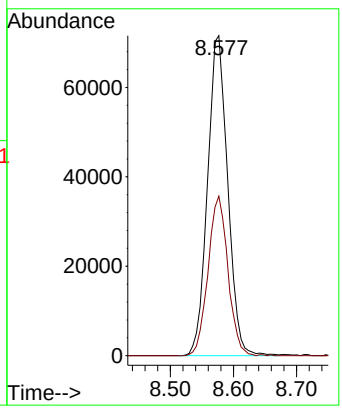


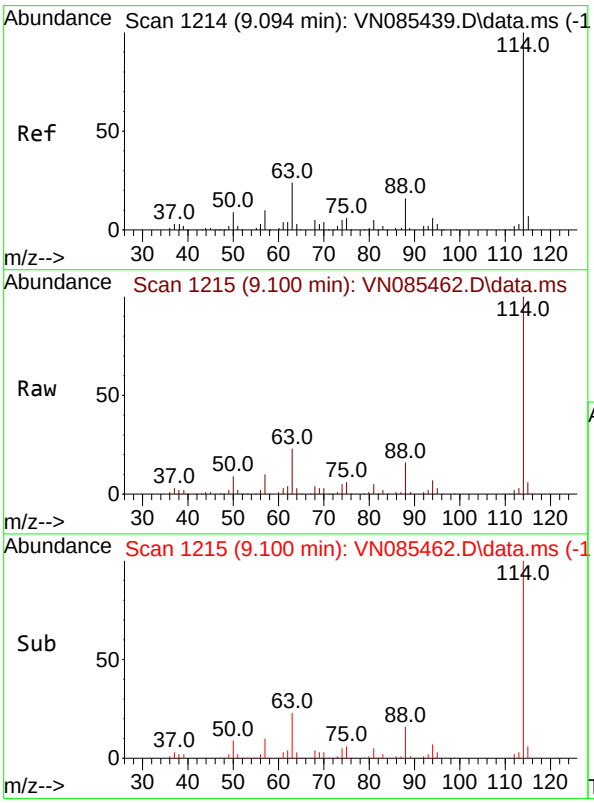
#33
1,2-Dichloroethane-d4
Concen: 54.351 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 65 Resp: 158732

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	101.6

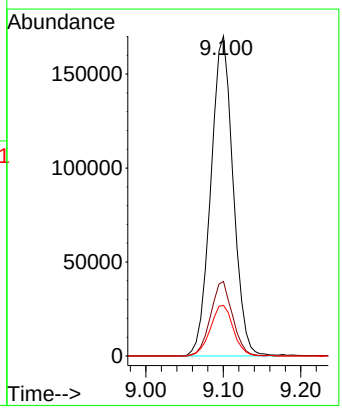


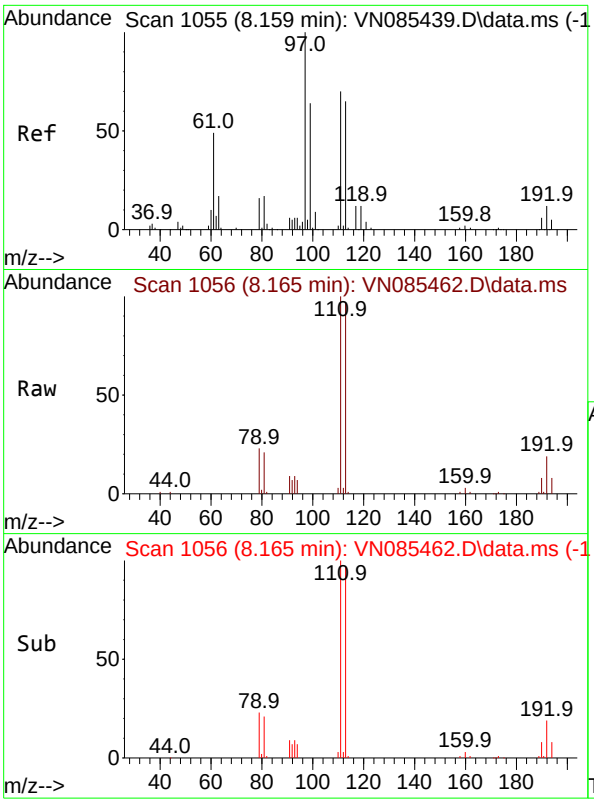


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion:114 Resp: 341109

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.6
88	15.8	0.0	32.6



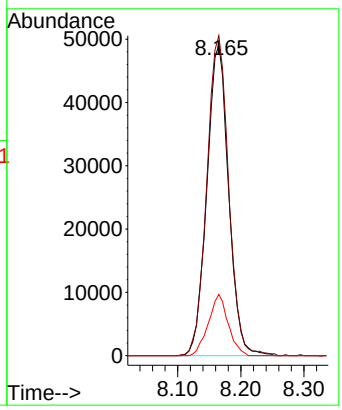


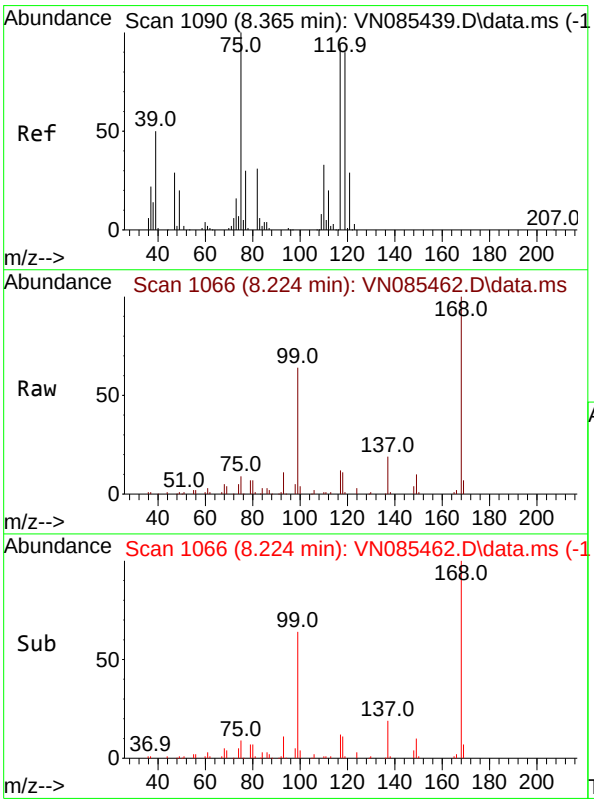
#35
Dibromofluoromethane
Concen: 49.590 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion:113 Resp: 117353

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	18.0	14.3	21.5

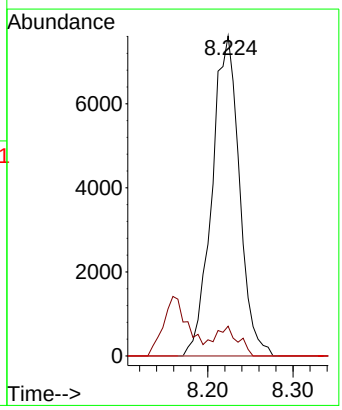


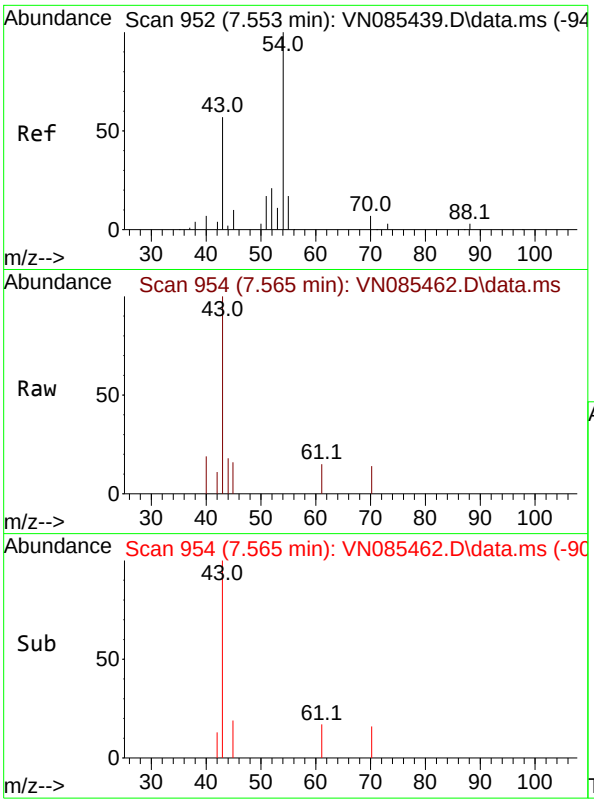


#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 75 Resp: 17055

Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.5	49.5#
77	0.0	24.4	36.6#



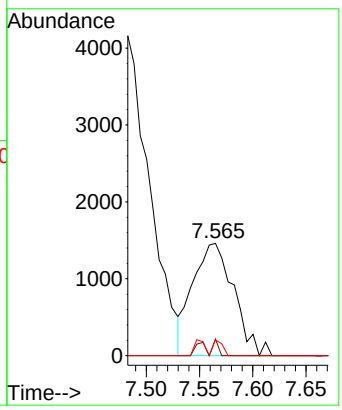


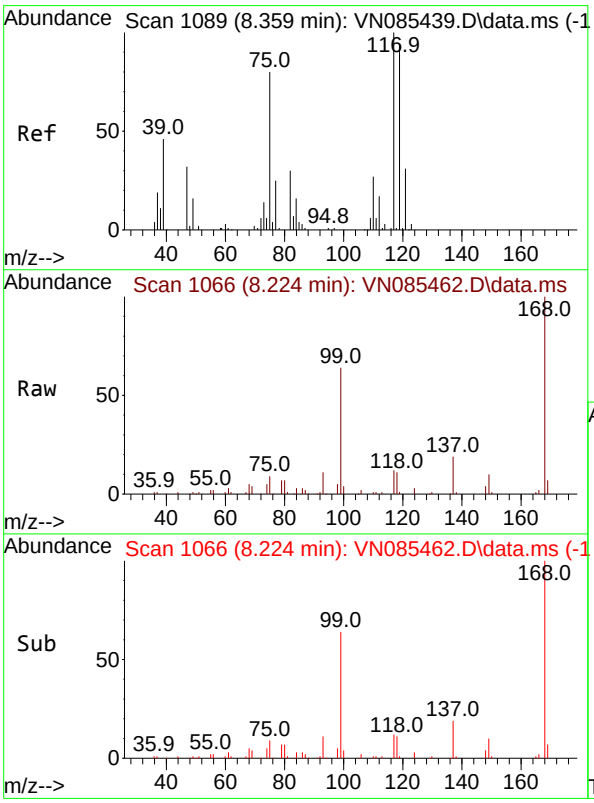
#37
Ethyl Acetate
Concen: 1.168 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 3917

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	3.2	7.5	11.3#

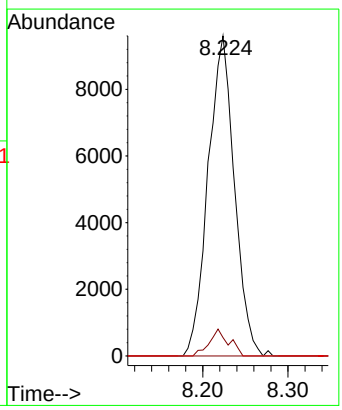


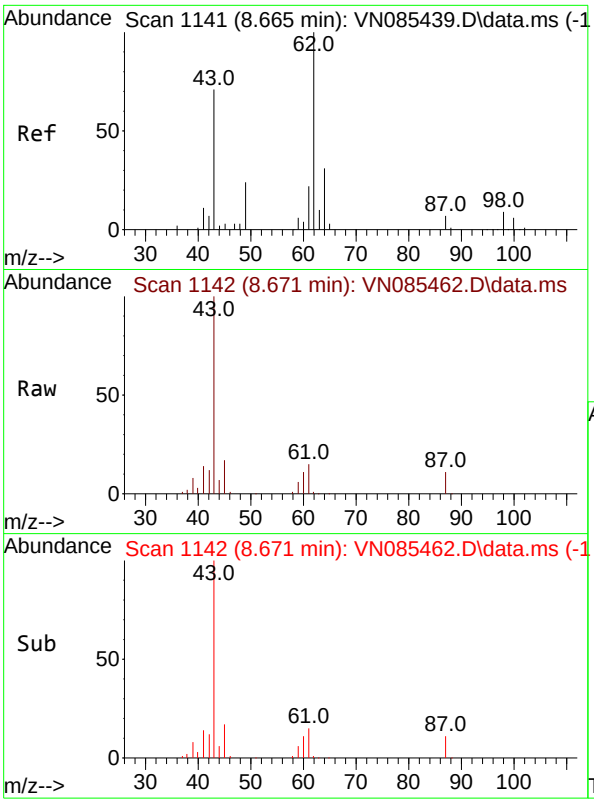


#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion:117 Resp: 20633

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.2#
121	0.0	24.6	37.0#



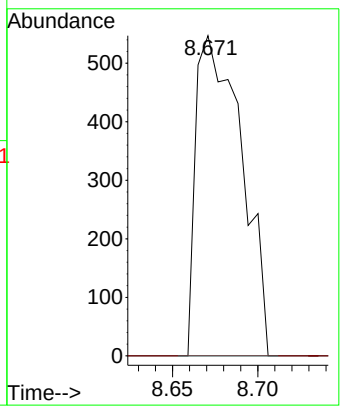


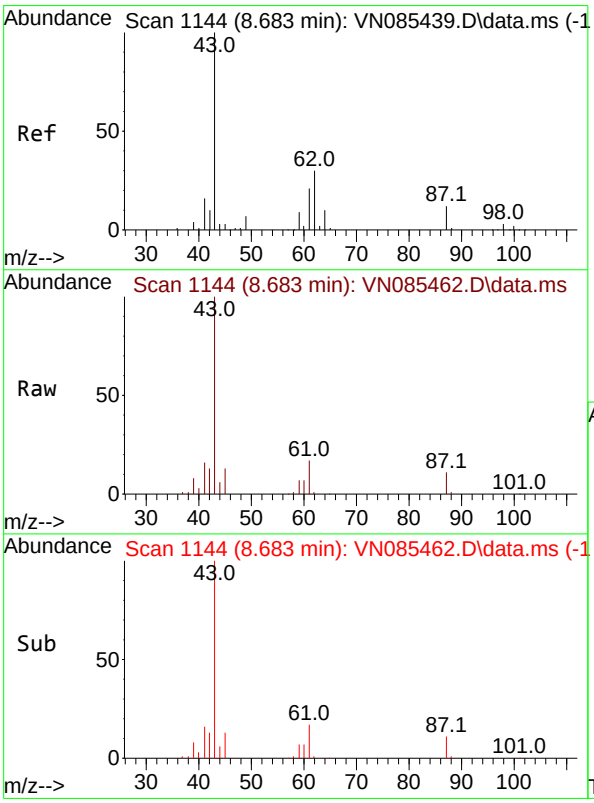
#42
1,2-Dichloroethane
Concen: 0.271 ug/l
RT: 8.671 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 62 Resp: 1017

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0

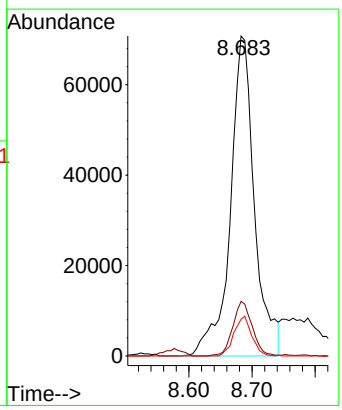


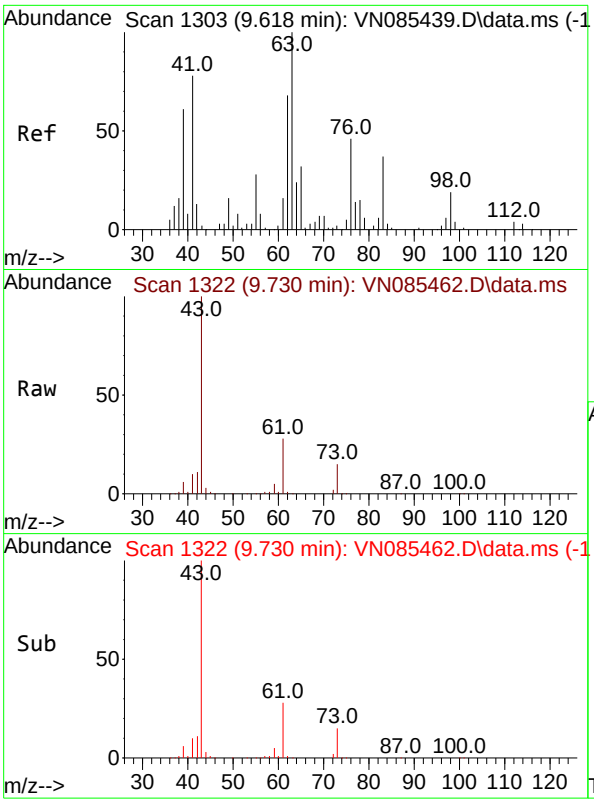


#43
Isopropyl Acetate
Concen: 35.058 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 43 Resp: 188319

Ion	Ratio	Lower	Upper
43	100		
61	13.7	20.7	31.1#
87	9.1	9.8	14.8#



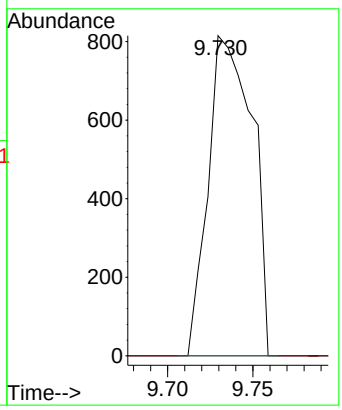


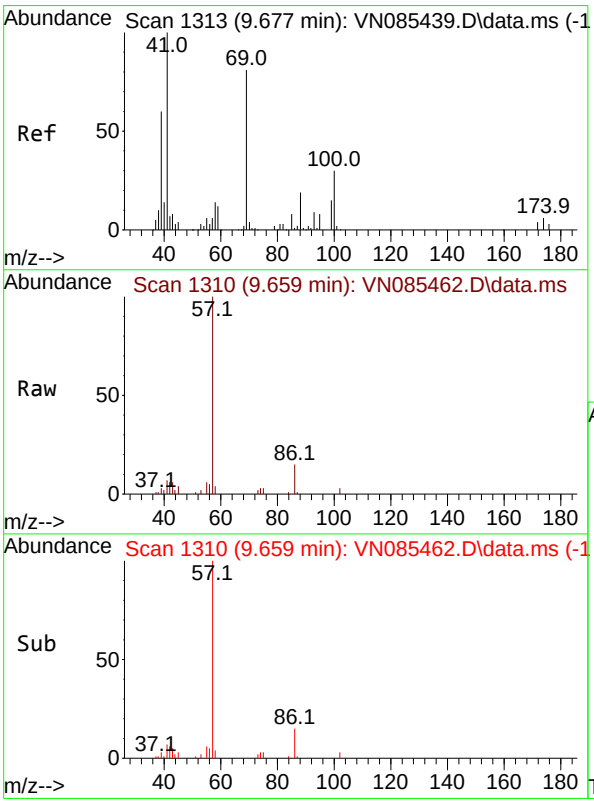
#45
1,2-Dichloropropane
Concen: 0.574 ug/l
RT: 9.730 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 63 Resp: 1464

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

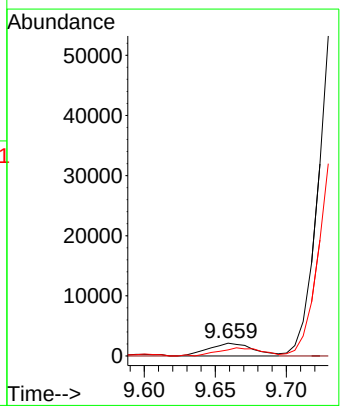


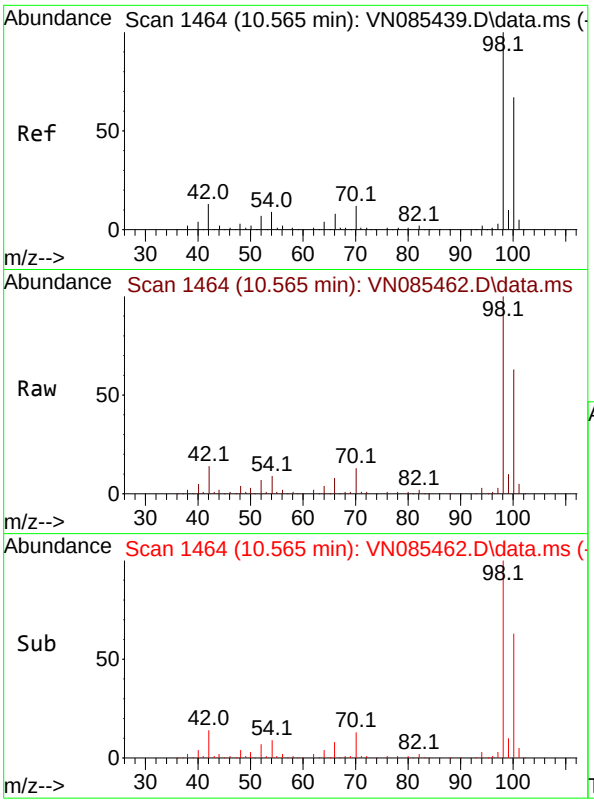


#48
Methyl methacrylate
Concen: 1.932 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.018 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 41 Resp: 4670

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	61.6	49.0	73.6



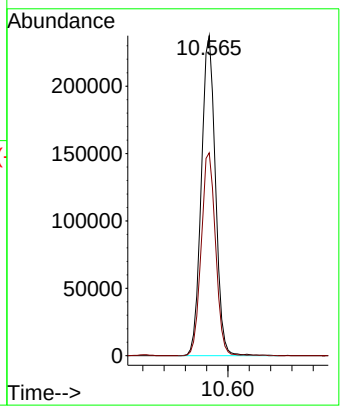


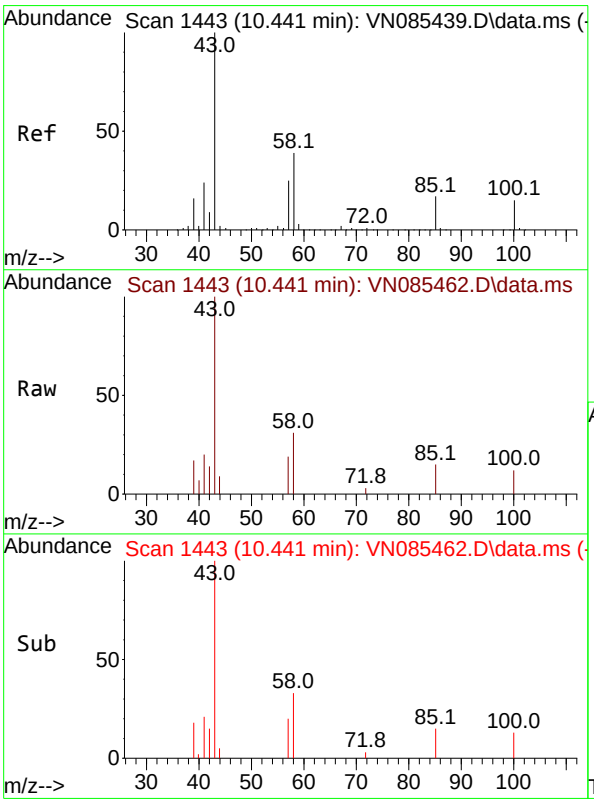
#50
Toluene-d8
Concen: 51.814 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 98 Resp: 435648

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4

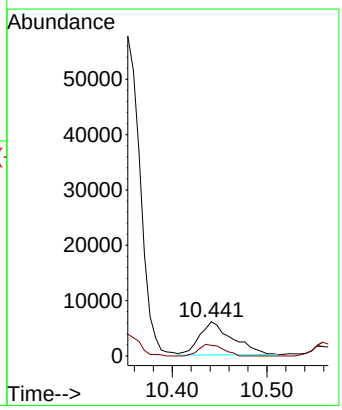


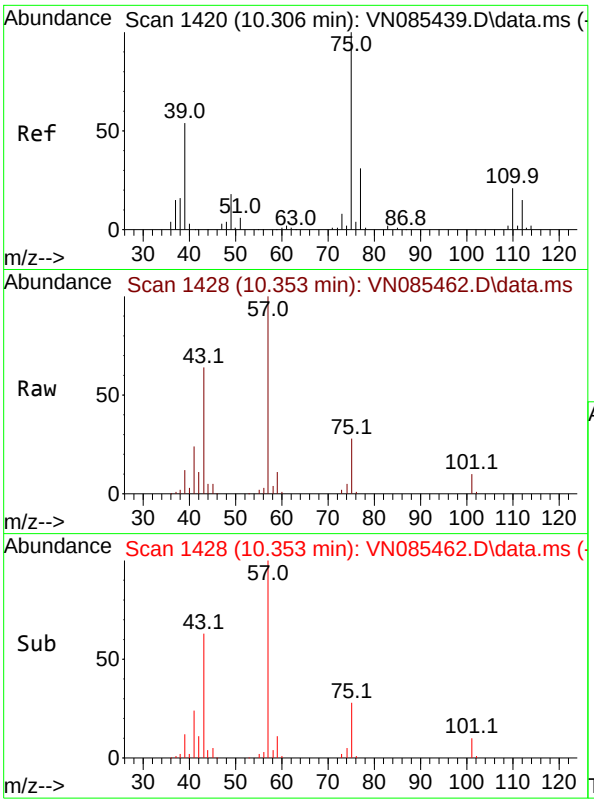


#51
4-Methyl-2-Pentanone
Concen: 4.675 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 43 Resp: 14573

Ion	Ratio	Lower	Upper
43	100		
58	25.6	30.5	45.7#



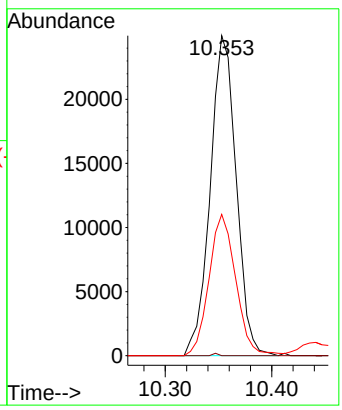


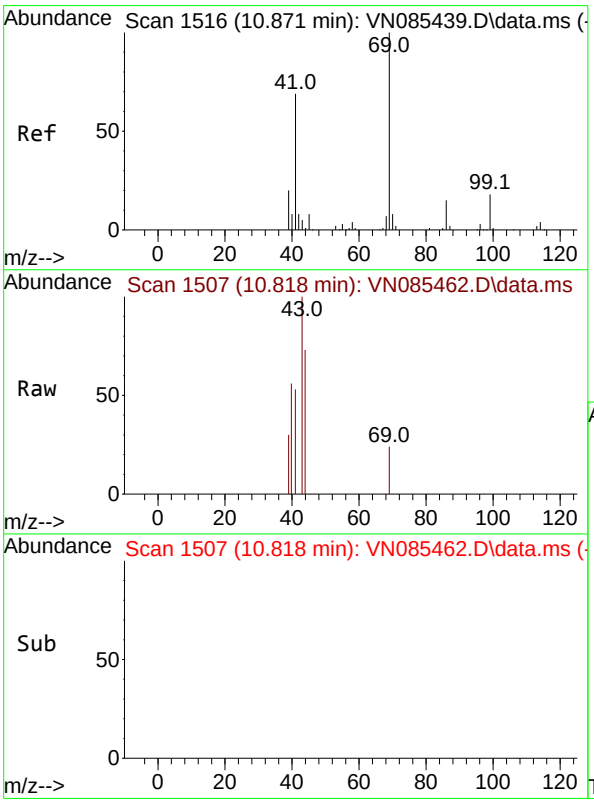
#54
cis-1,3-Dichloropropene
Concen: 11.175 ug/l
RT: 10.353 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 75 Resp: 42271

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	44.2	43.1	64.7

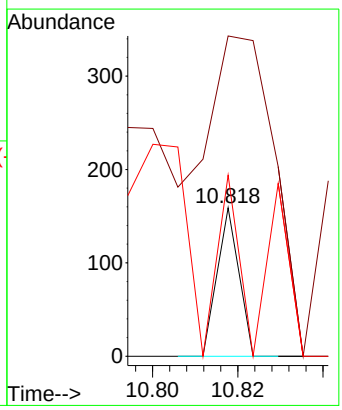


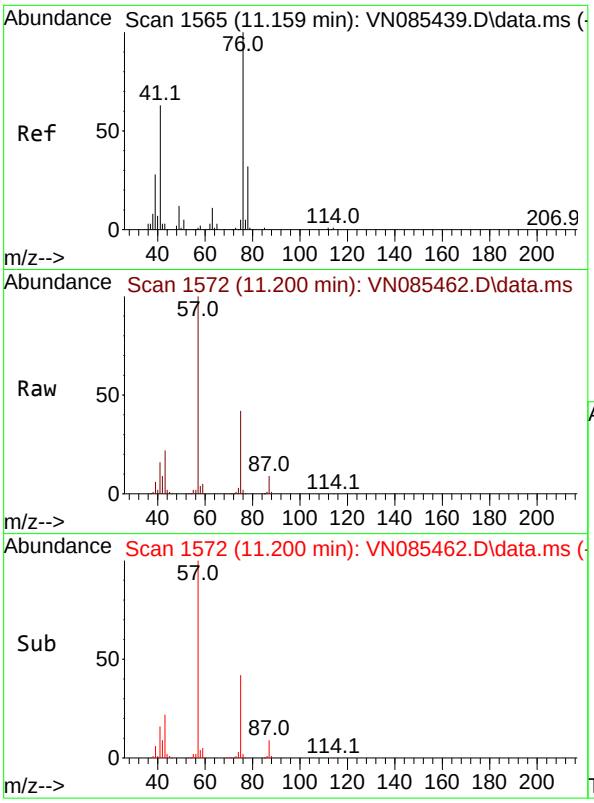


#56
Ethyl methacrylate
Concen: 1.945 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.053 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 69 Resp: 56

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.6	82.0#
39	0.0	32.4	48.6#



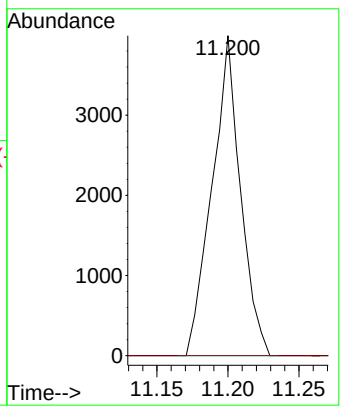


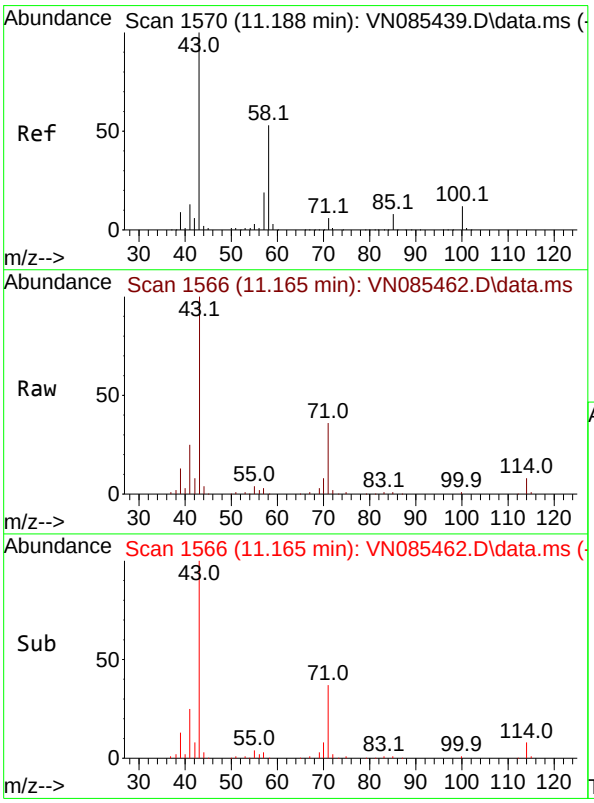
#57
1,3-Dichloropropane
Concen: 1.395 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 76 Resp: 5552

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

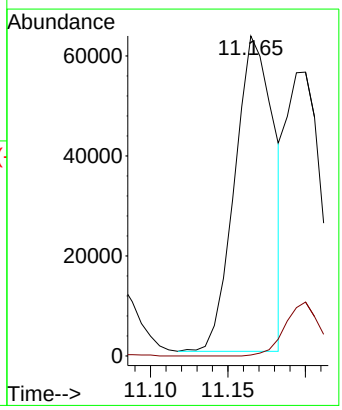


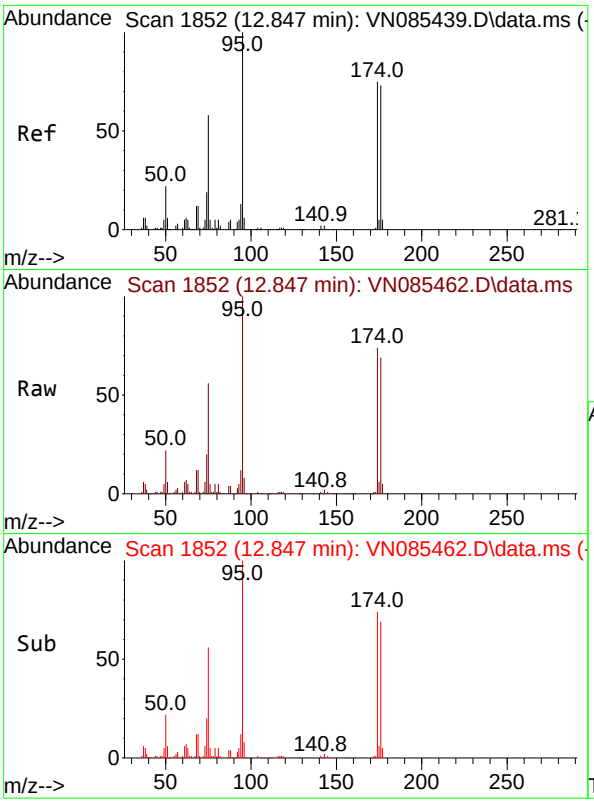


#59
2-Hexanone
Concen: 50.509 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.024 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 43 Resp: 110781

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	78.6#



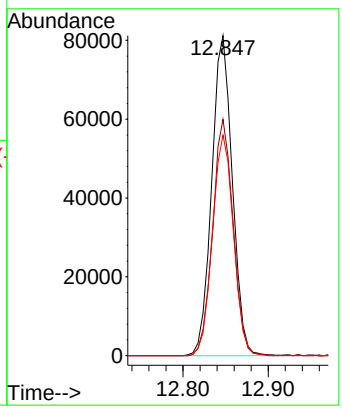


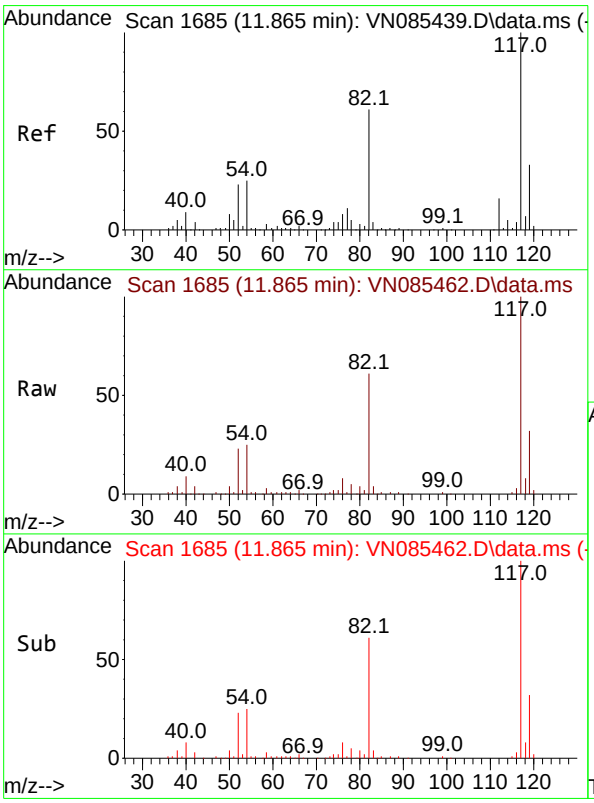
#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 95 Resp: 136589

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	70.3	0.0	142.4

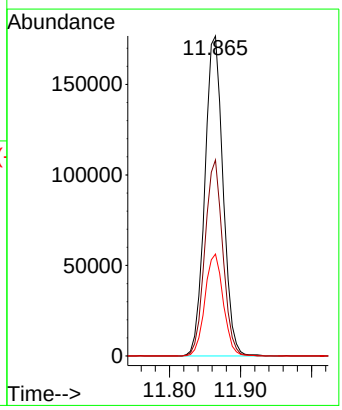


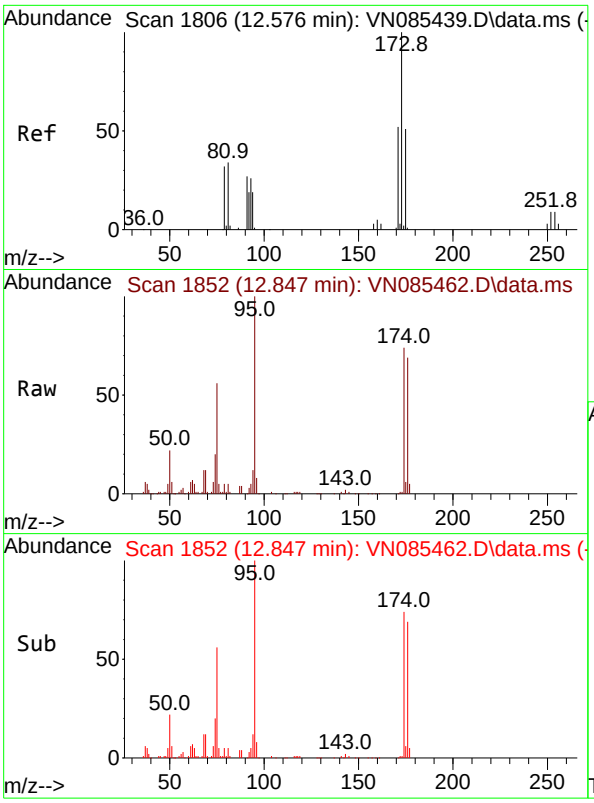


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion:117 Resp: 314668

Ion	Ratio	Lower	Upper
117	100		
82	61.2	48.6	72.8
119	31.8	26.6	39.8



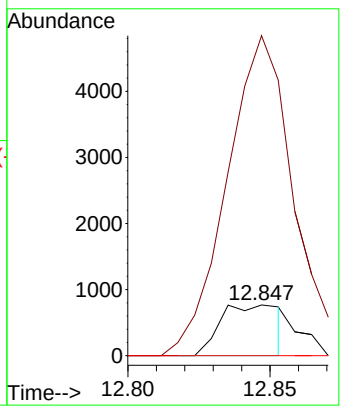


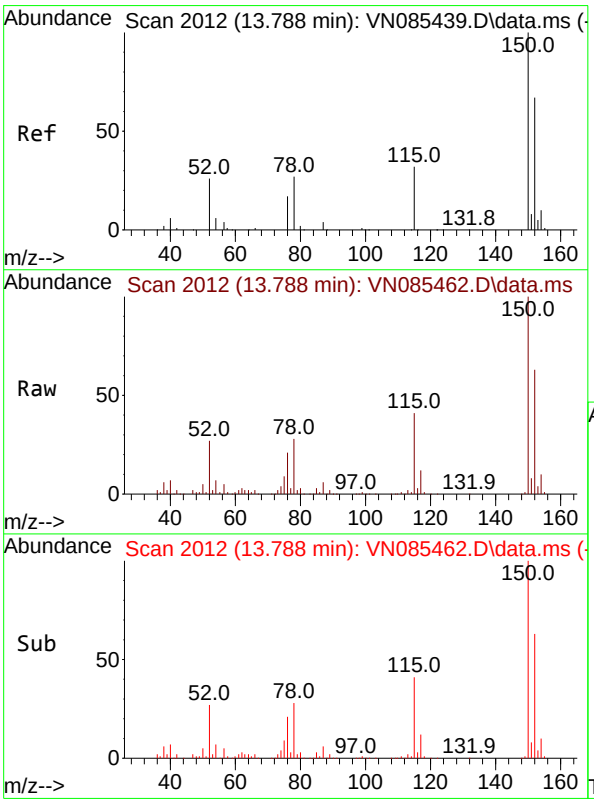
#71
Bromoform
Concen: 0.626 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.271 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion:173 Resp: 1133

Ion	Ratio	Lower	Upper
173	100		
175	563.1	24.4	73.2#
254	0.0	0.0	0.0

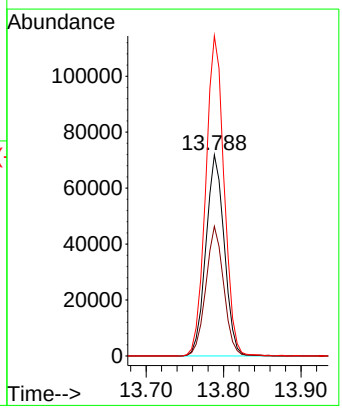


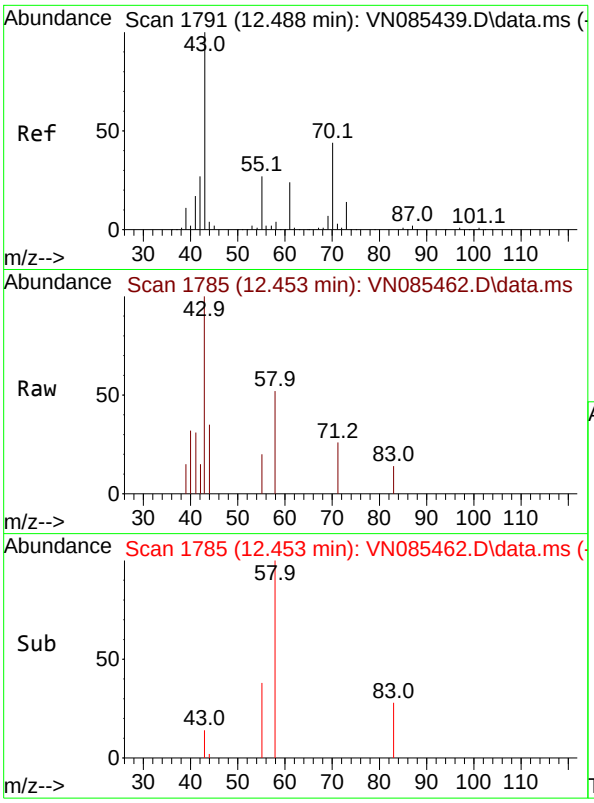


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion:152 Resp: 118321

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.1	93.3
150	158.9	0.0	343.6



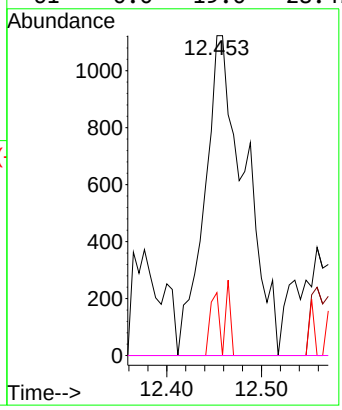


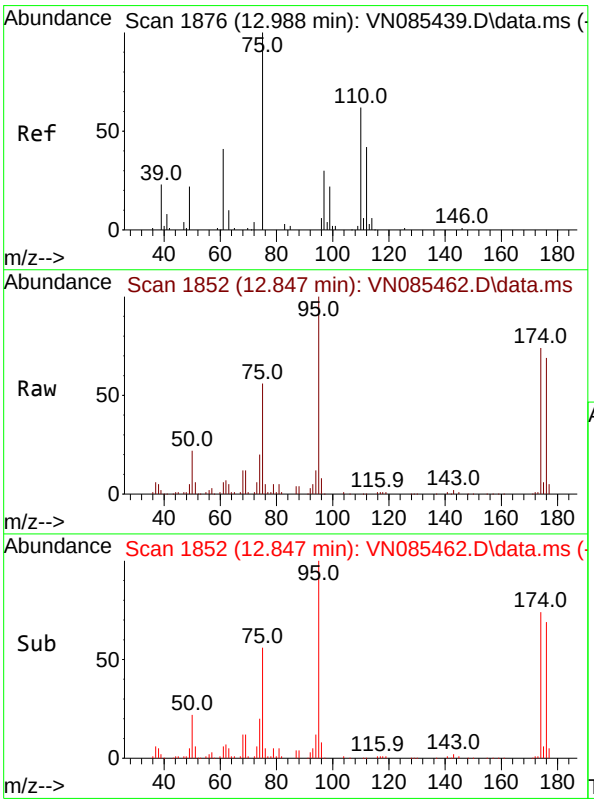
#74
N-amyl acetate
Concen: 0.933 ug/l
RT: 12.453 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 3349

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	4.3	21.4	32.2#
61	0.0	19.0	28.4#

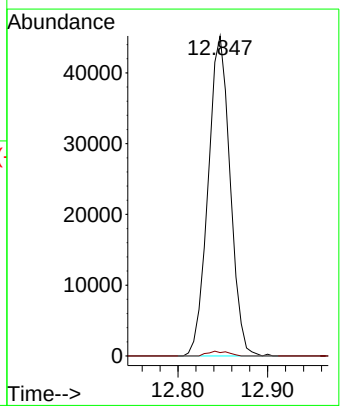


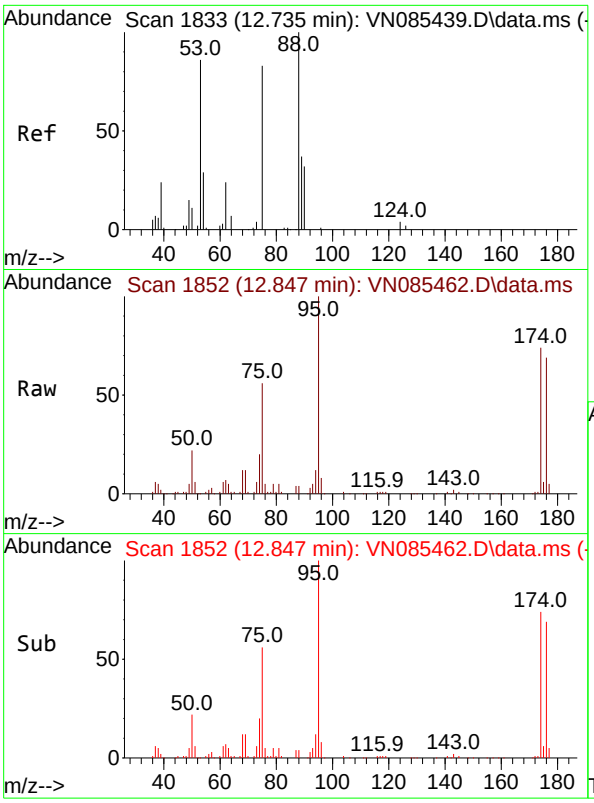


#76
1,2,3-Trichloropropane
Concen: 32.034 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion: 75 Resp: 77039

Ion	Ratio	Lower	Upper
75	100		
77	1.4	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.671 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 75 Resp: 77039

Ion	Ratio	Lower	Upper
75	100		
53	0.2	95.6	143.4#
89	0.0	37.0	55.6#