Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085495.D
Acq On : 17 Jan 2025 16:00
Operator : JC\MD
Sample : Q1115-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
366

Quant Time: Jan 17 22:37:34 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	179158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159295	55.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.165	113	118064	48.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.980%			
50) Toluene-d8	10.565	98	436165	50.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	131852	44.553	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.100%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	563	0.214	ug/l	95
11) Tert butyl alcohol	5.506	59	650	1.963	ug/l #	71
13) Acrolein	4.177	56	119	0.263	ug/l #	14
16) Acetone	4.424	43	124377	133.106	ug/l	96
18) Methyl Acetate	5.030	43	3428	1.206	ug/l #	74
20) Methylene Chloride	5.283	84	2437	1.053	ug/l #	64
25) 2-Butanone	7.489	43	12907	9.386	ug/l	92
29) Tetrahydrofuran	7.853	42	308	0.353	ug/l #	34
30) Chloroform	7.959	83	1329	0.305	ug/l	89
31) Cyclohexane	8.224	56	4988	1.359	ug/l #	11
36) 1,1-Dichloropropene	8.218	75	16516	4.833	ug/l #	50
37) Ethyl Acetate	7.559	43	3772	1.094	ug/l #	93
38) Carbon Tetrachloride	8.218	117	20735	5.300	ug/l #	17
42) 1,2-Dichloroethane	8.677	62	1094	0.283	ug/l #	76
43) Isopropyl Acetate	8.688	43	216159	39.108	ug/l #	79
45) 1,2-Dichloropropane	9.741	63	1480	0.564	ug/l #	43
48) Methyl methacrylate	9.659	41	4175	1.678	ug/l #	47
51) 4-Methyl-2-Pentanone	10.441	43	15968	4.979	ug/l #	78
54) cis-1,3-Dichloropropene	10.353	75	40967	10.526	ug/l #	72
56) Ethyl methacrylate	10.982	69	1986	2.412	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5814	1.420	ug/l #	43
59) 2-Hexanone	11.194	43	73384	32.517	ug/l #	58
71) Bromoform	12.847	173	1014	0.568	ug/l #	1
74) N-amyl acetate	12.453	43	1394	0.402	ug/l #	48
76) 1,2,3-Trichloropropane	12.847	75	73100	31.469	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73100	85.143	ug/l #	3

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

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Acq On : 17 Jan 2025 16:00
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
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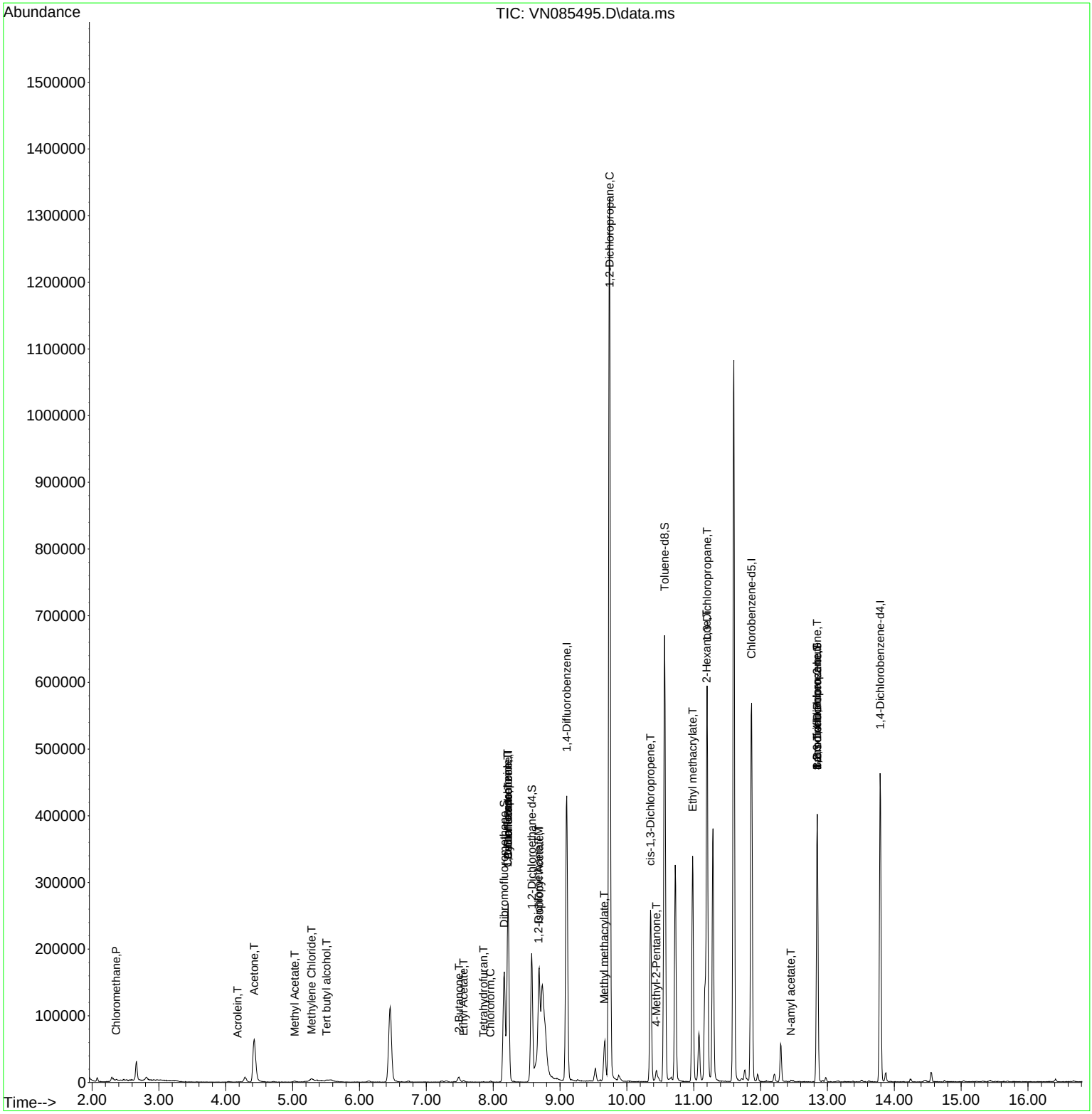
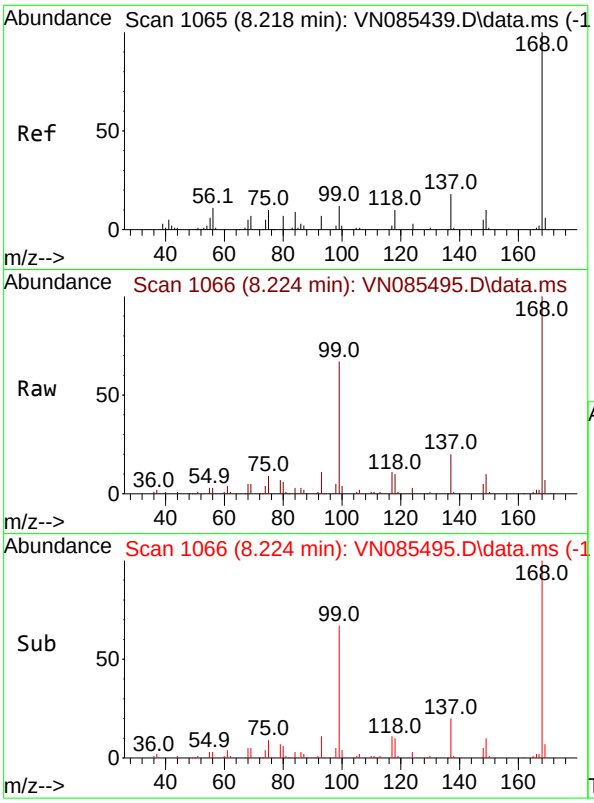
366

Quant Time: Jan 17 22:37:34 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



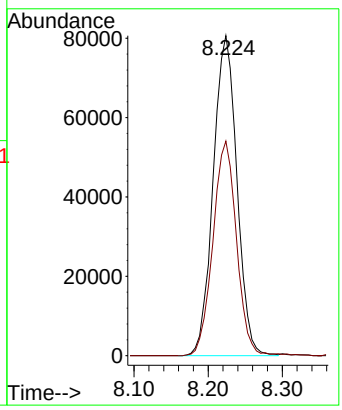


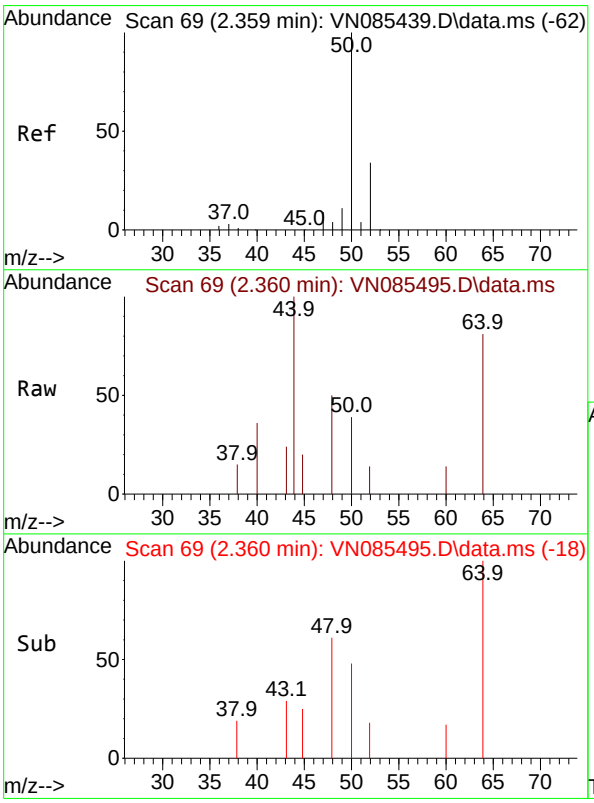
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion:168 Resp: 179158

Ion	Ratio	Lower	Upper
168	100		
99	67.0	53.6	80.4

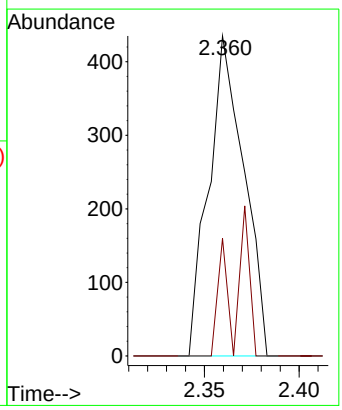


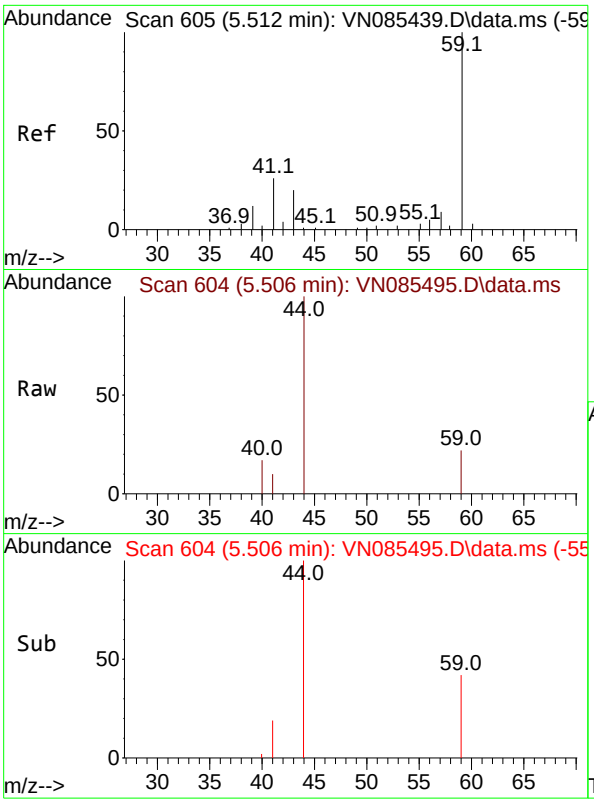


#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 50 Resp: 563

Ion	Ratio	Lower	Upper
50	100		
52	36.8	27.0	40.6



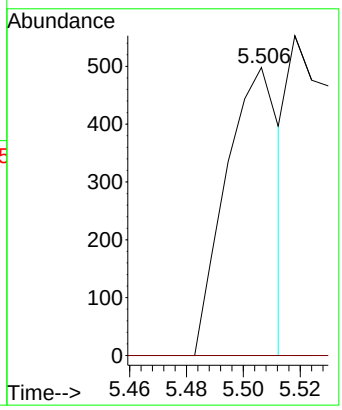


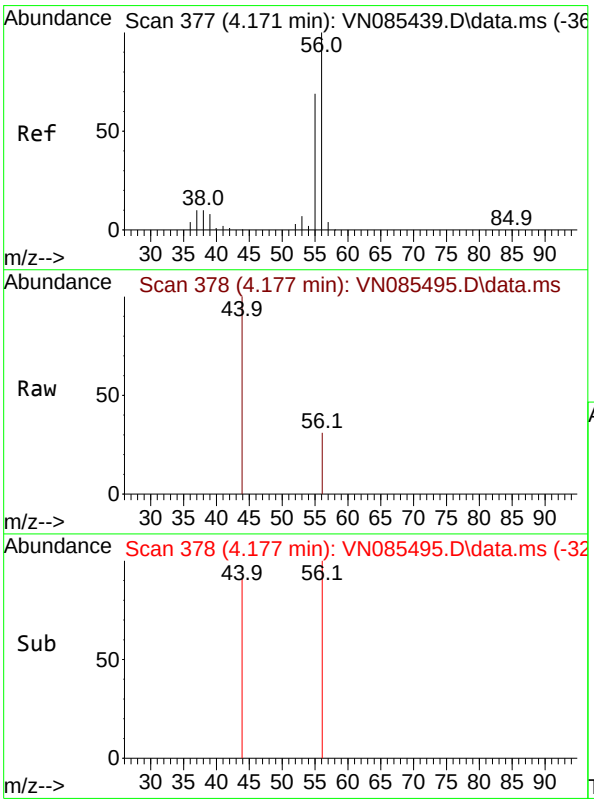
#11
Tert butyl alcohol
Concen: 1.963 ug/l
RT: 5.506 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 59 Resp: 650

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

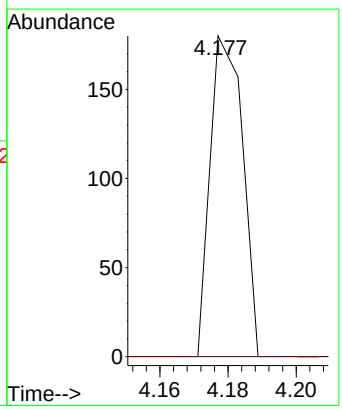


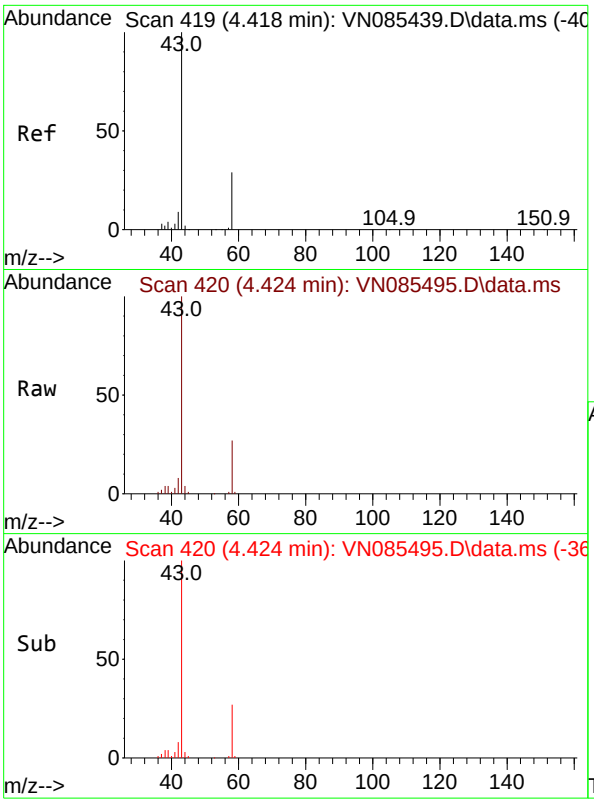


#13
Acrolein
Concen: 0.263 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 56 Resp: 119

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.3	84.5#



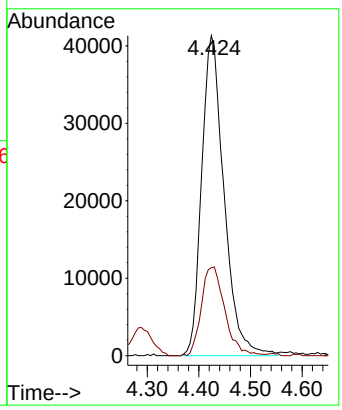


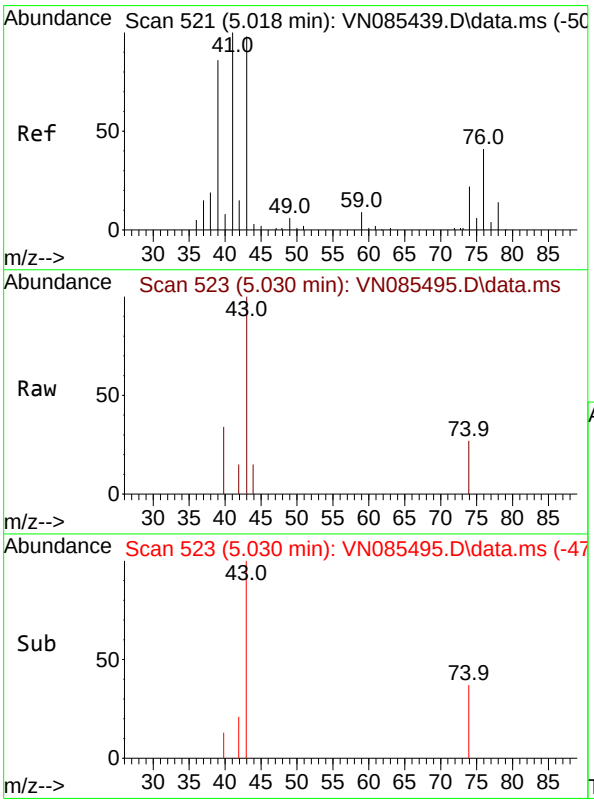
#16
Acetone
Concen: 133.106 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 43 Resp: 124377

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.8	35.6

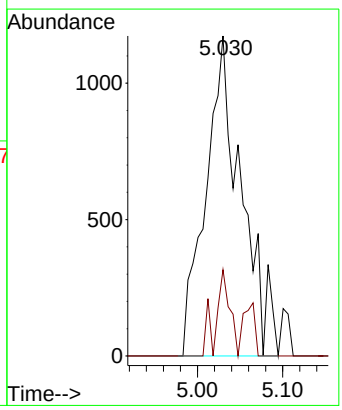


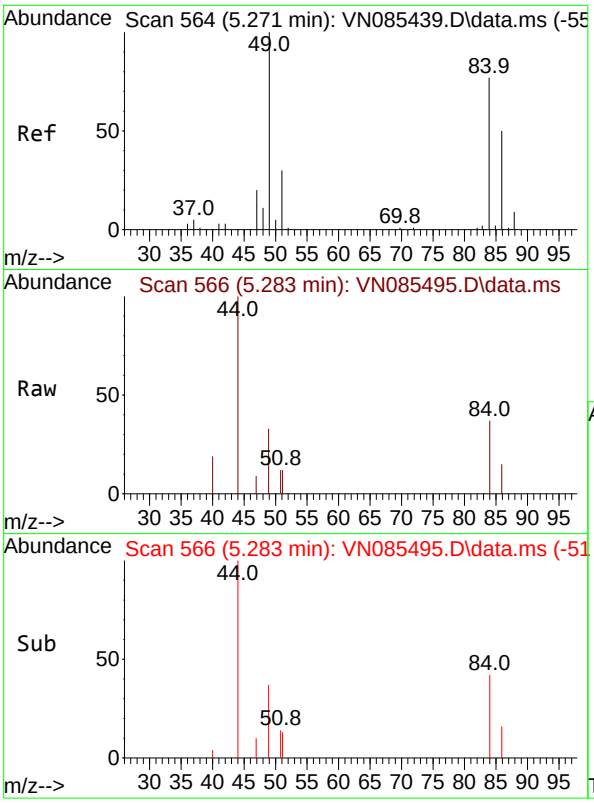


#18
Methyl Acetate
Concen: 1.206 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 43 Resp: 3428

Ion	Ratio	Lower	Upper
43	100		
74	10.7	18.6	28.0#



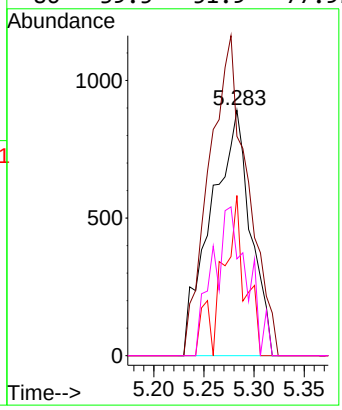


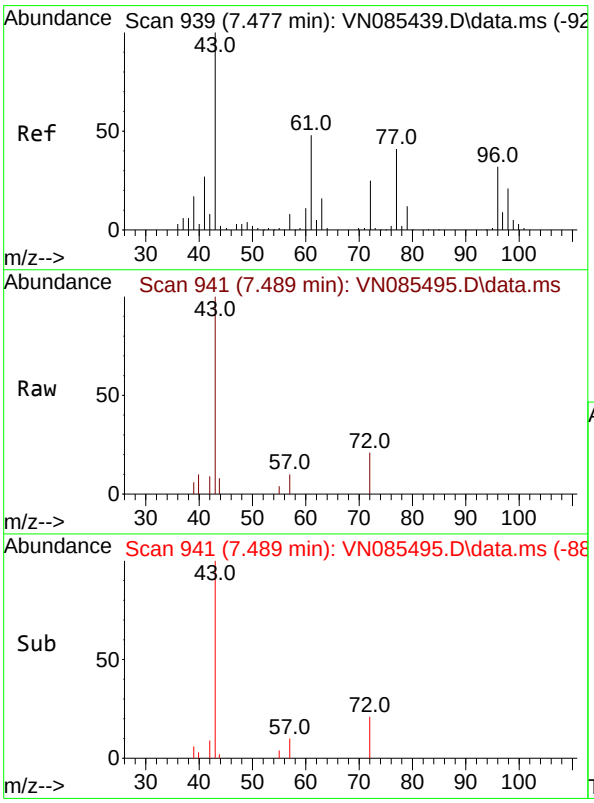
#20
Methylene Chloride
Concen: 1.053 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 84 Resp: 2437

Ion	Ratio	Lower	Upper
84	100		
49	89.3	104.1	156.1#
51	65.2	31.0	46.4#
86	39.5	51.9	77.9#

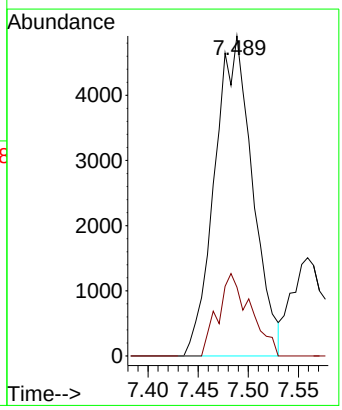


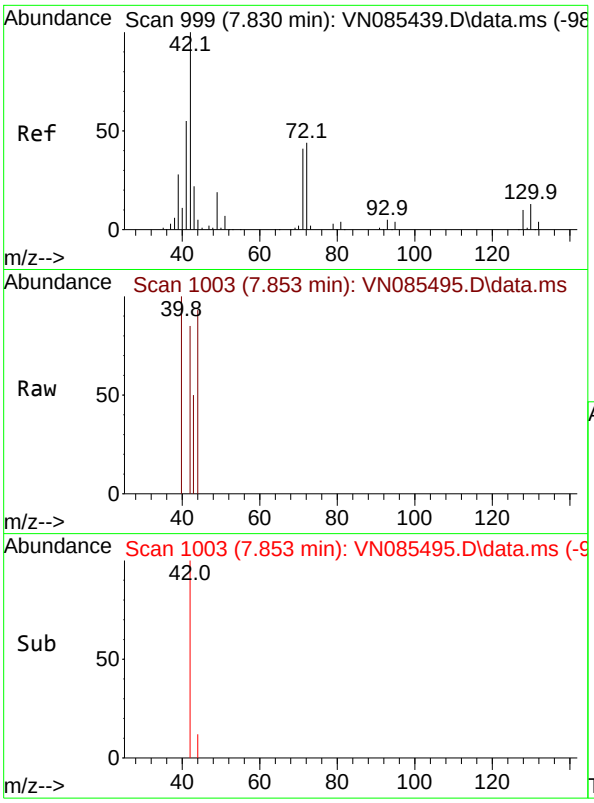


#25
2-Butanone
Concen: 9.386 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 43 Resp: 12907

Ion	Ratio	Lower	Upper
43	100		
72	21.5	20.2	30.4



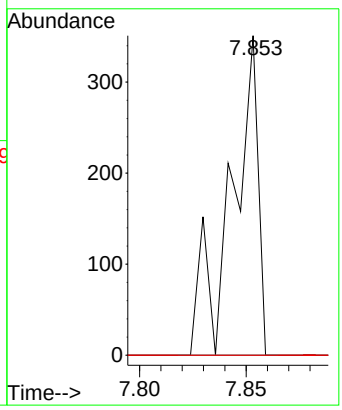


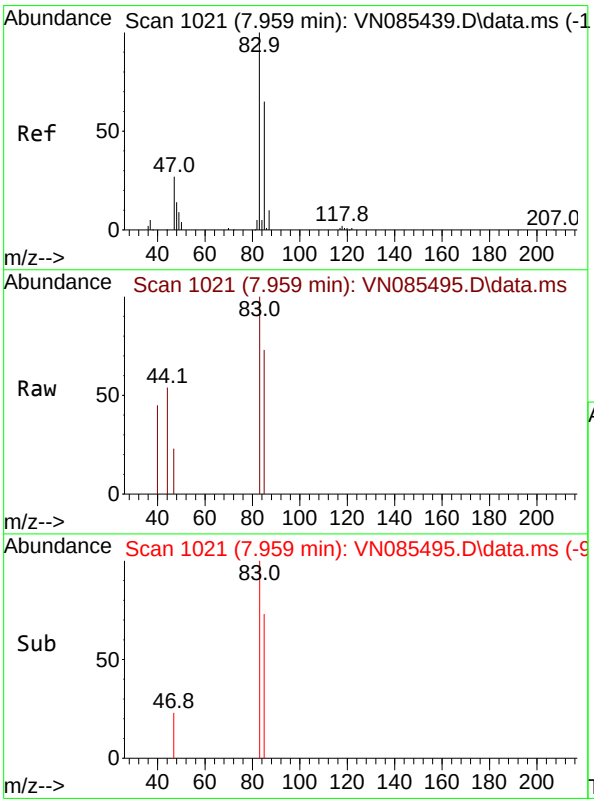
#29
Tetrahydrofuran
Concen: 0.353 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 42 Resp: 308

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

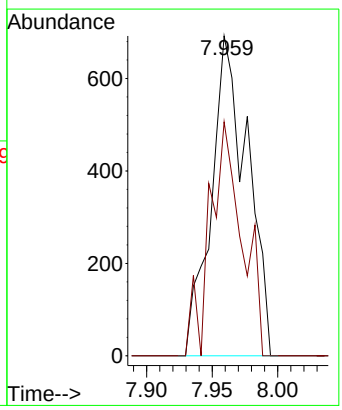


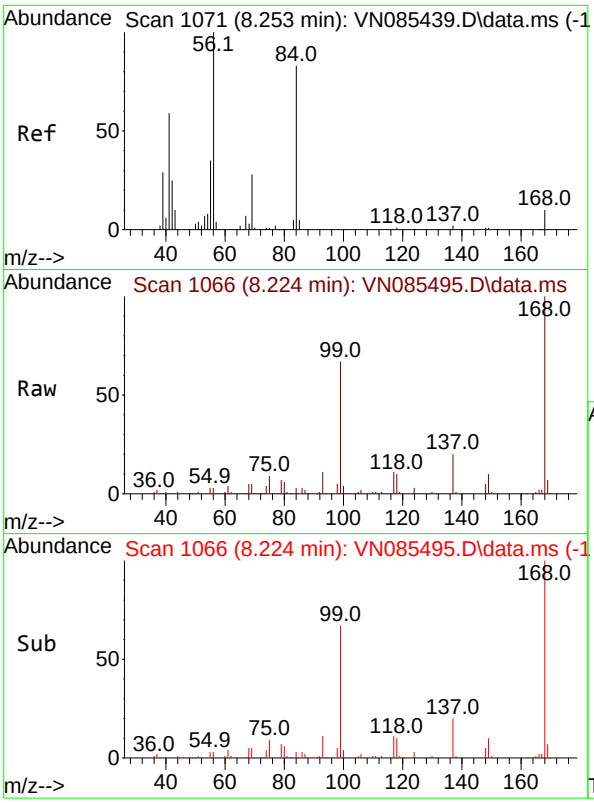


#30
Chloroform
Concen: 0.305 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 83 Resp: 1329

Ion	Ratio	Lower	Upper
83	100		
85	73.1	51.8	77.6



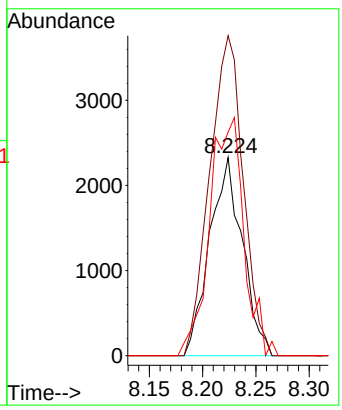


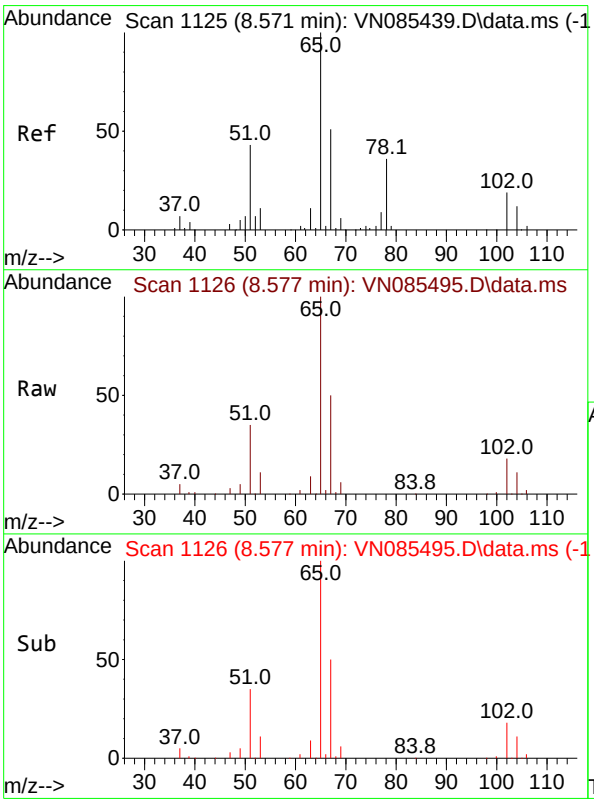
#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 56 Resp: 4988

Ion	Ratio	Lower	Upper
56	100		
69	161.6	22.2	33.4#
84	112.8	66.4	99.6#

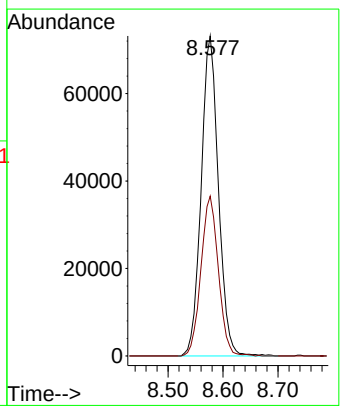


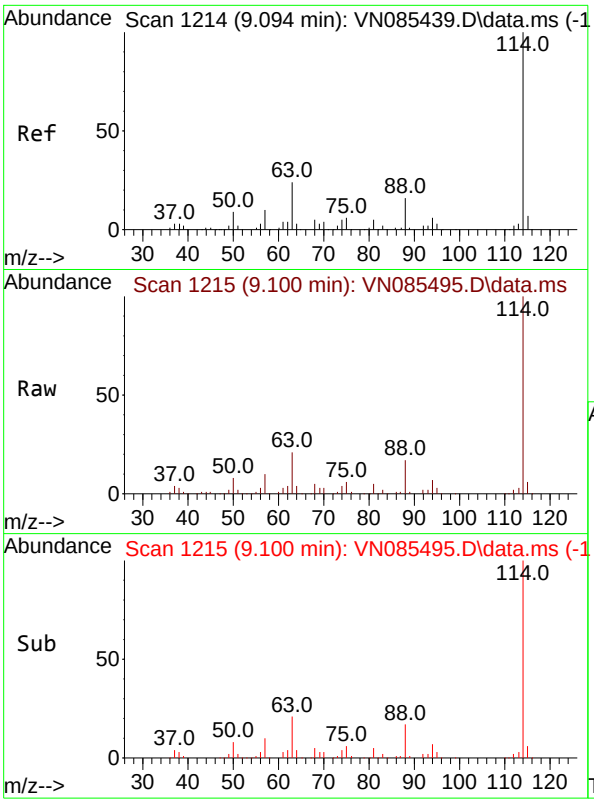


#33
1,2-Dichloroethane-d4
Concen: 55.082 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 65 Resp: 159295

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6



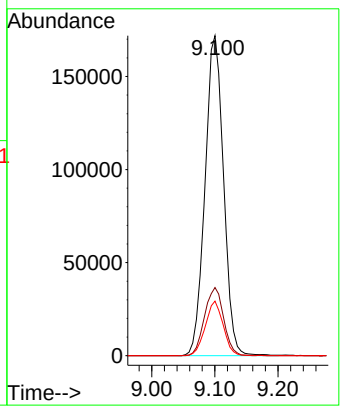


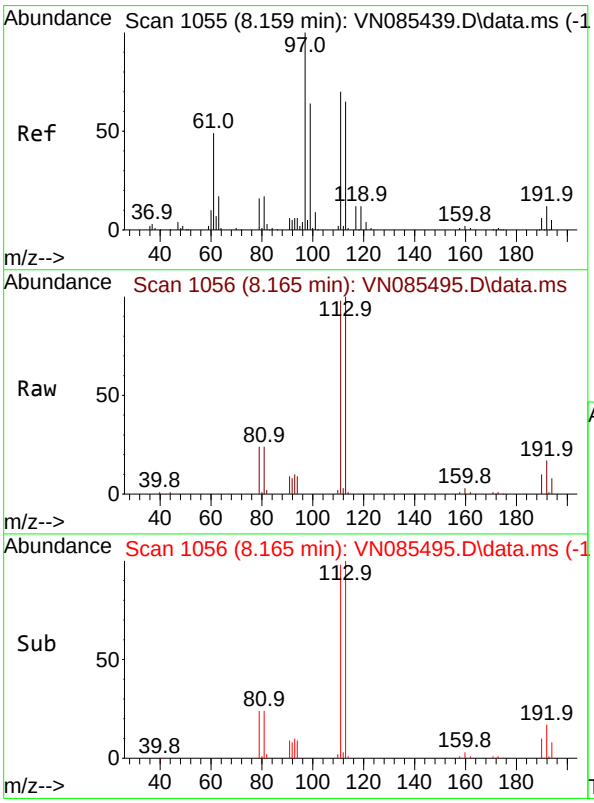
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion:114 Resp: 350985

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.6
88	17.1	0.0	32.6

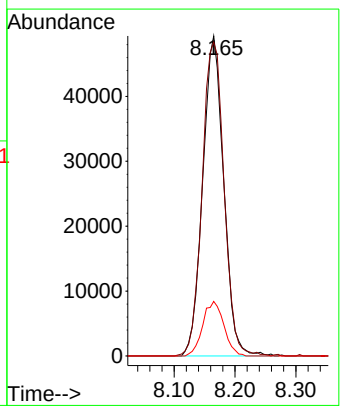


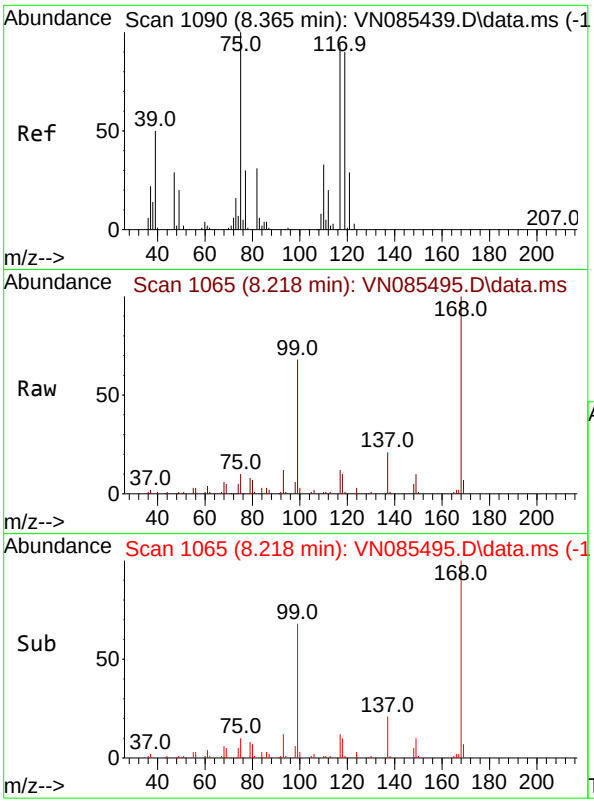


#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion:113 Resp: 118064

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	17.2	14.3	21.5



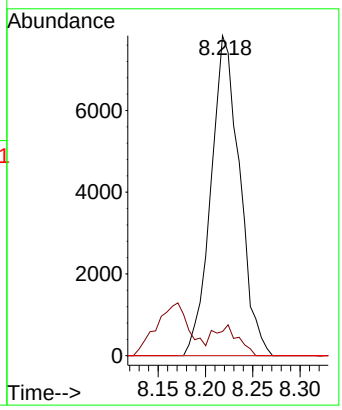


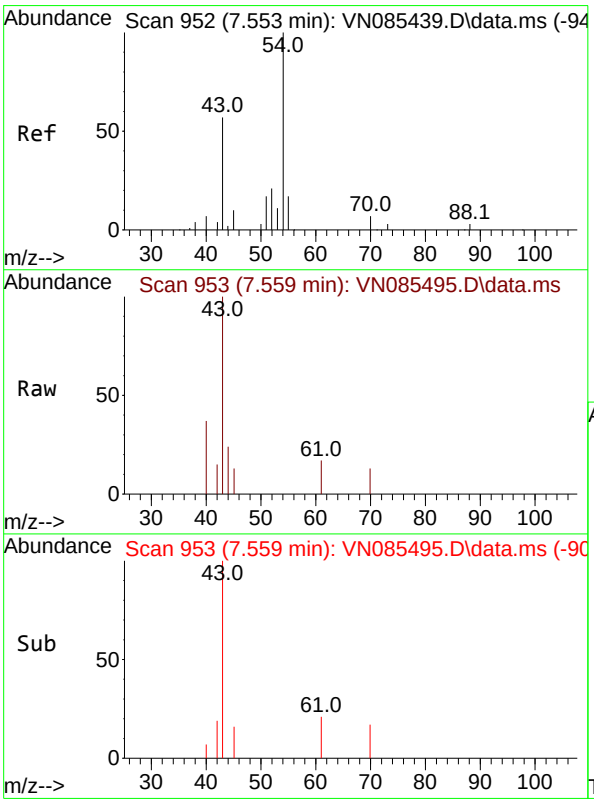
#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 75 Resp: 16516

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.5	49.5#
77	0.0	24.4	36.6#

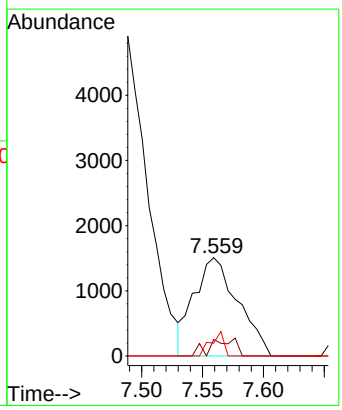


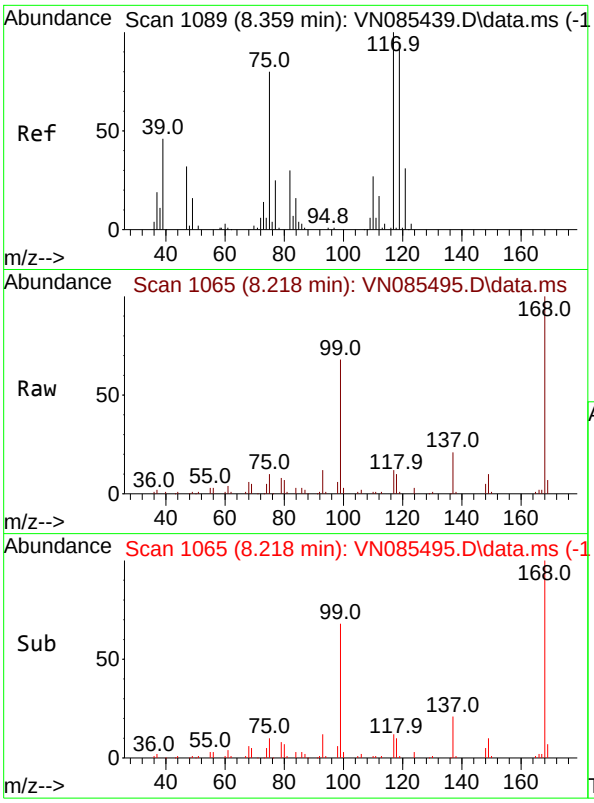


#37
Ethyl Acetate
Concen: 1.094 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 43 Resp: 3772

Ion	Ratio	Lower	Upper
43	100		
61	10.3	10.9	16.3#
70	7.3	7.5	11.3#



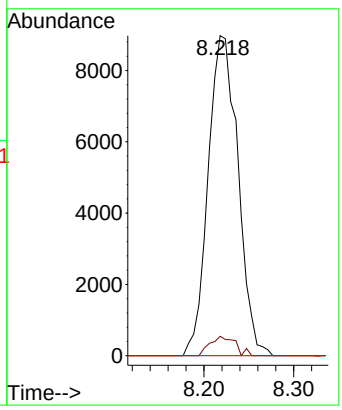


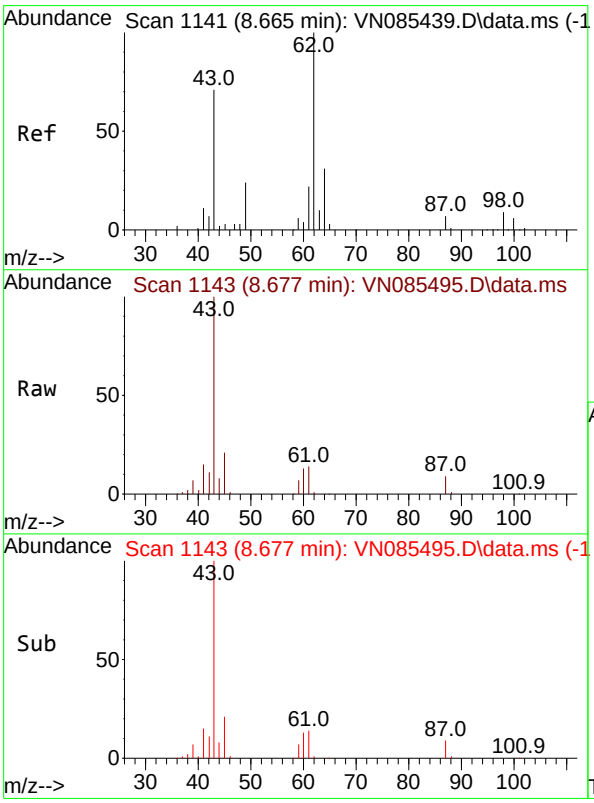
#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion:117 Resp: 20735

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.4	113.2#
121	0.0	24.6	37.0#

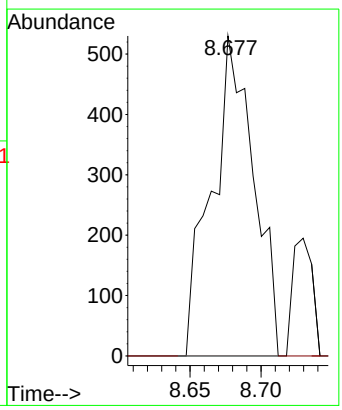


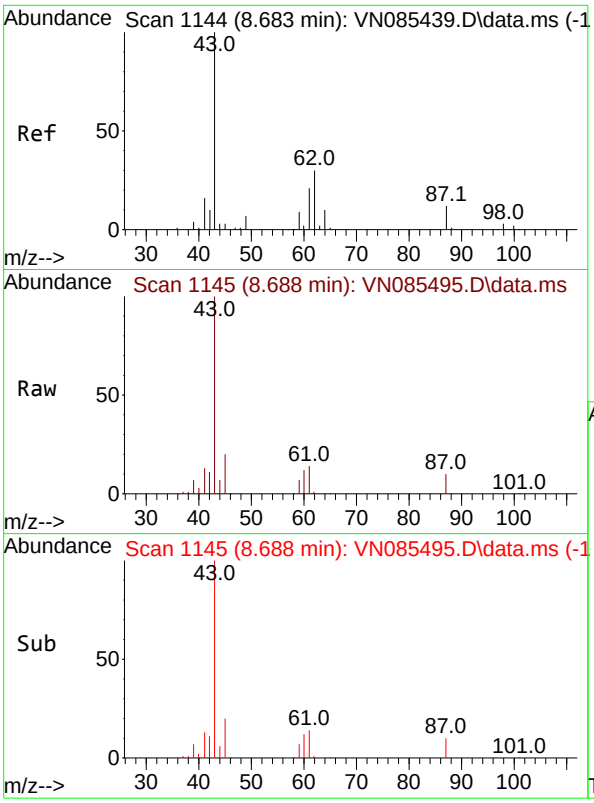


#42
1,2-Dichloroethane
Concen: 0.283 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 62 Resp: 1094

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



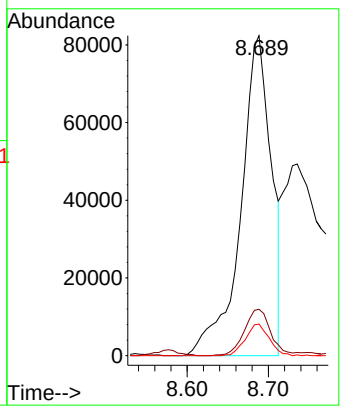


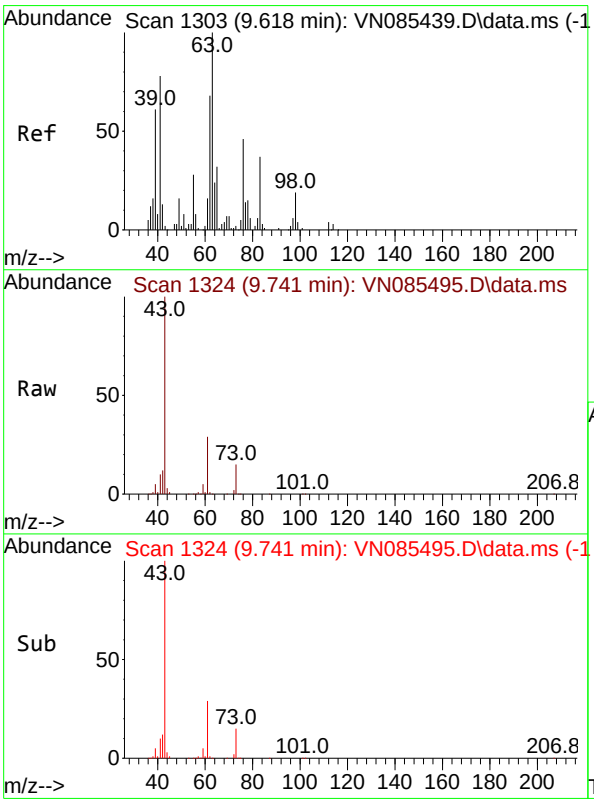
#43
Isopropyl Acetate
Concen: 39.108 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 43 Resp: 216159

Ion	Ratio	Lower	Upper
43	100		
61	12.7	20.7	31.1#
87	7.7	9.8	14.8#

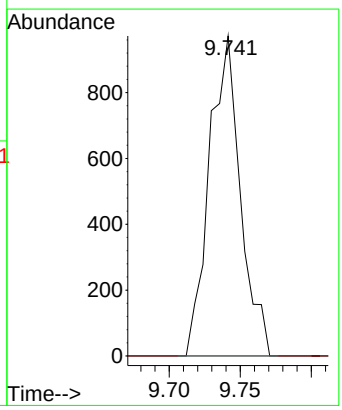


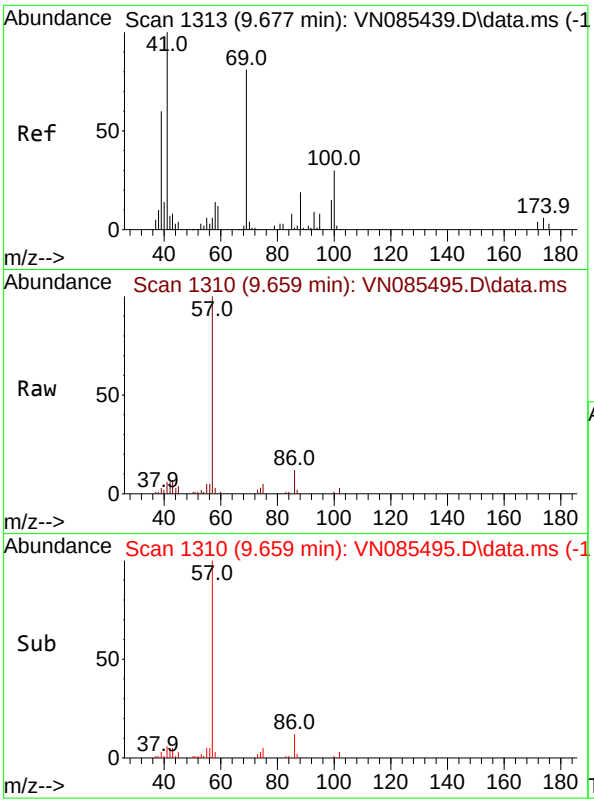


#45
1,2-Dichloropropane
Concen: 0.564 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 63 Resp: 1480

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



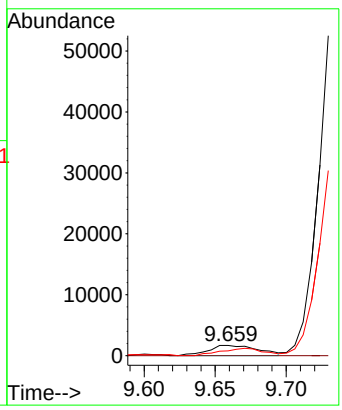


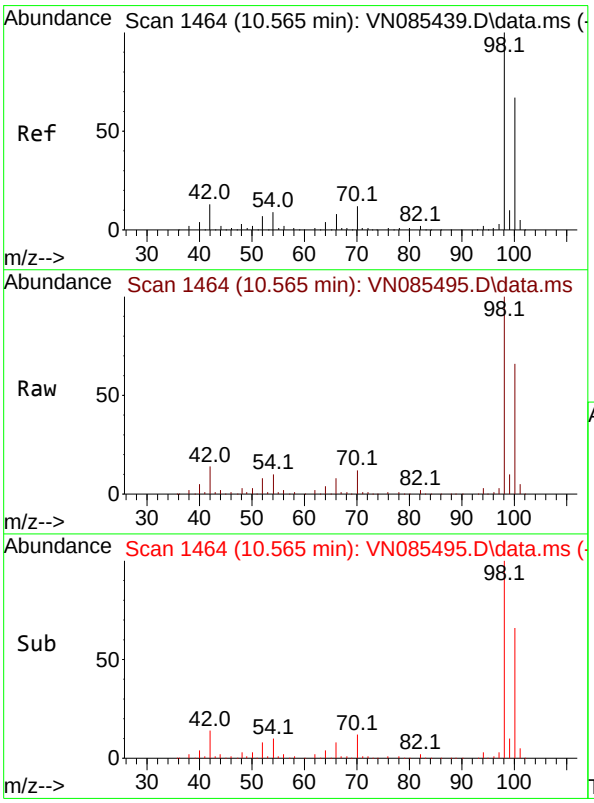
#48
Methyl methacrylate
Concen: 1.678 ug/l
RT: 9.659 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 41 Resp: 4175

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	60.1	49.0	73.6

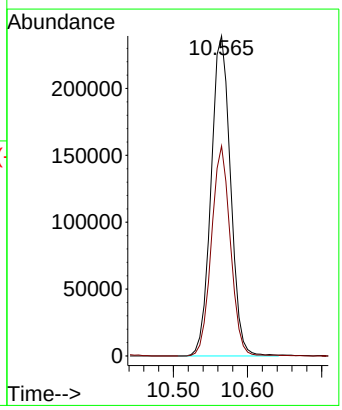


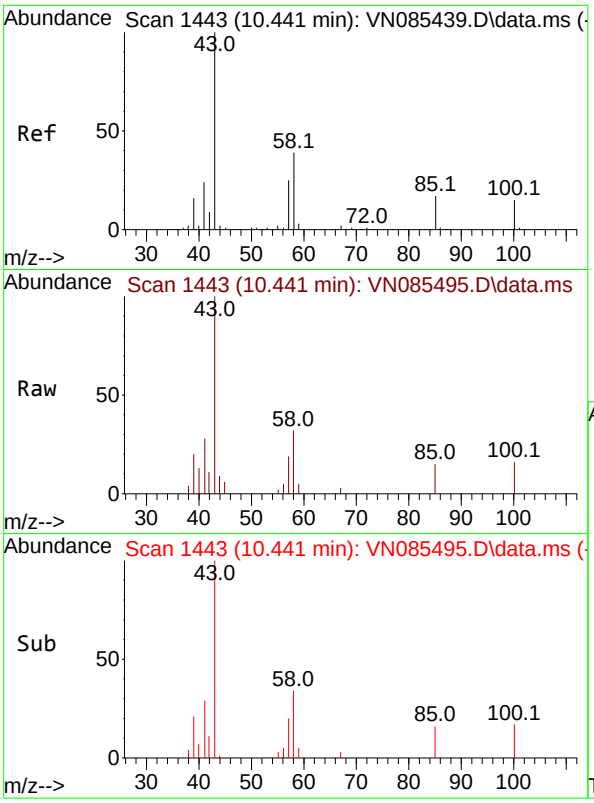


#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 98 Resp: 436165

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.4



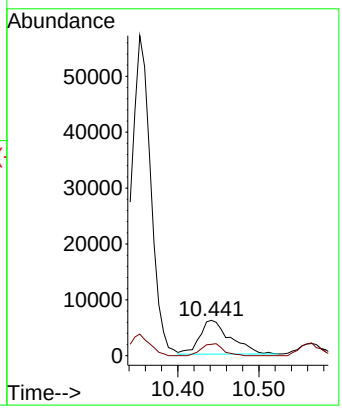


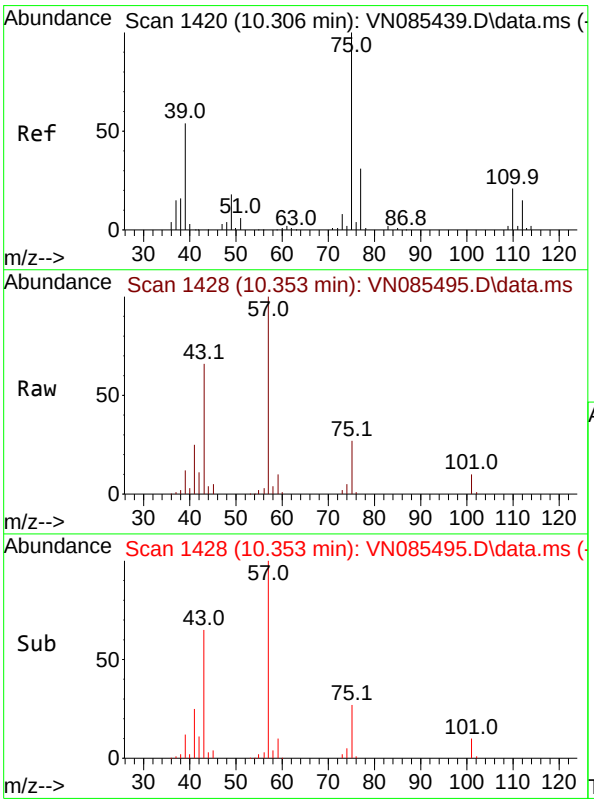
#51
4-Methyl-2-Pentanone
Concen: 4.979 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 43 Resp: 15968

Ion	Ratio	Lower	Upper
43	100		
58	24.8	30.5	45.7#

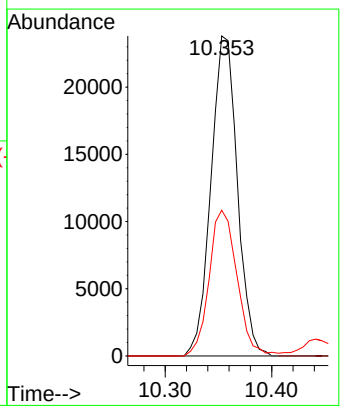


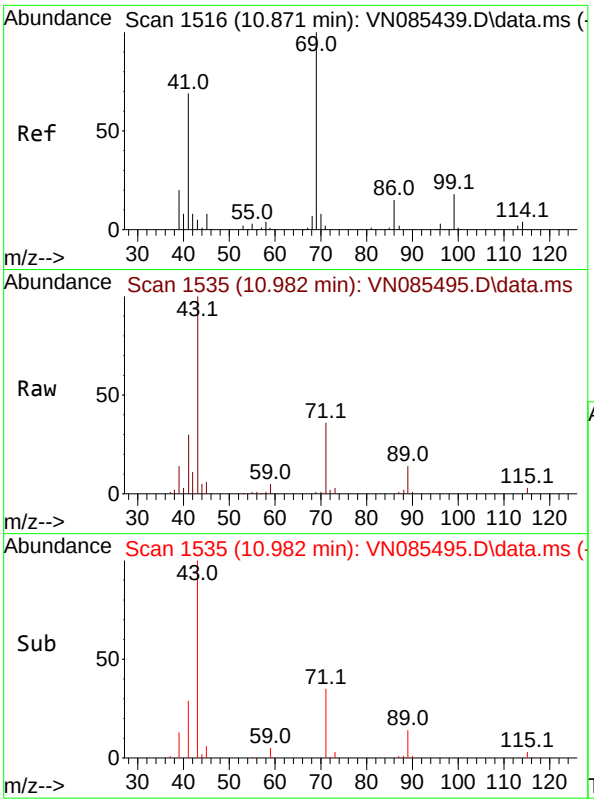


#54
cis-1,3-Dichloropropene
Concen: 10.526 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 75 Resp: 40967

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	45.5	43.1	64.7



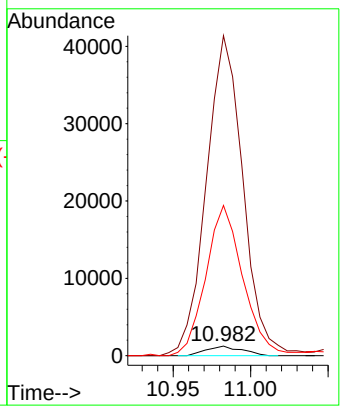


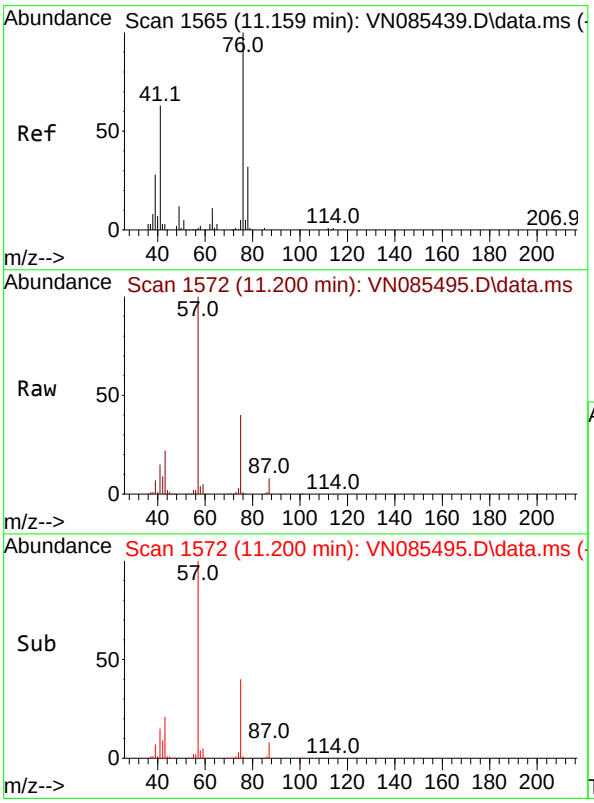
#56
Ethyl methacrylate
Concen: 2.412 ug/l
RT: 10.982 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 69 Resp: 1986

Ion	Ratio	Lower	Upper
69	100		
41	3435.3	54.6	82.0#
39	1627.6	32.4	48.6#

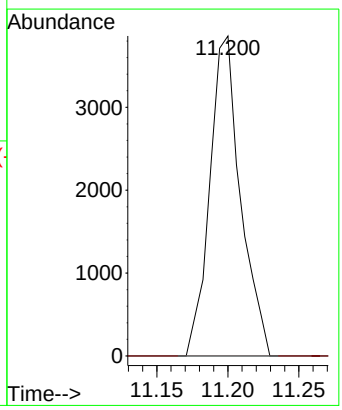


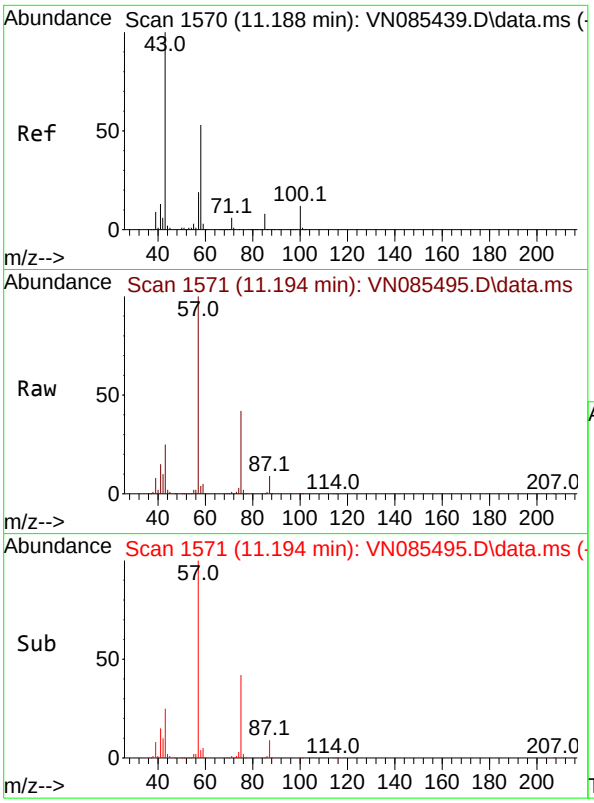


#57
1,3-Dichloropropane
Concen: 1.420 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 76 Resp: 5814

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



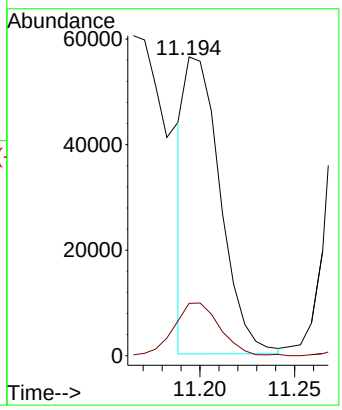


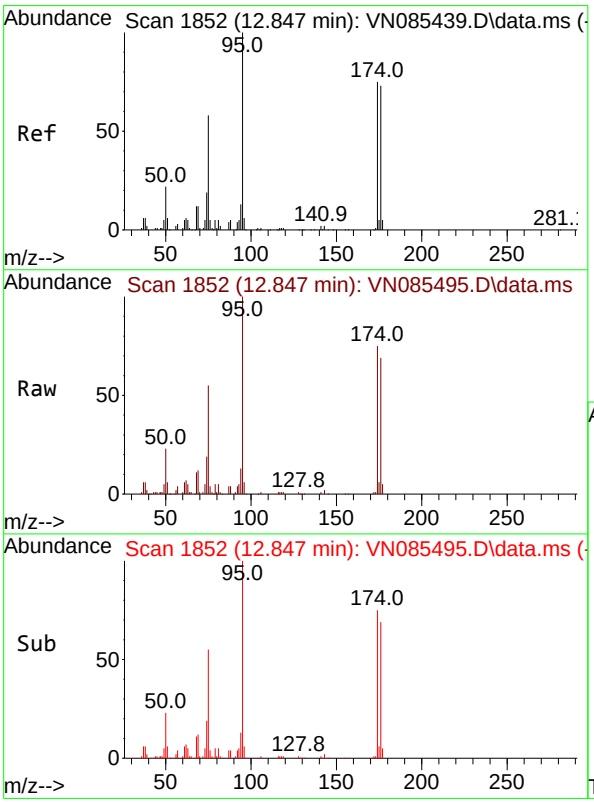
#59
2-Hexanone
Concen: 32.517 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 43 Resp: 73384

Ion	Ratio	Lower	Upper
43	100		
58	23.1	26.2	78.6#

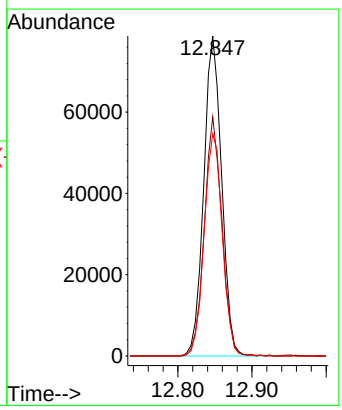


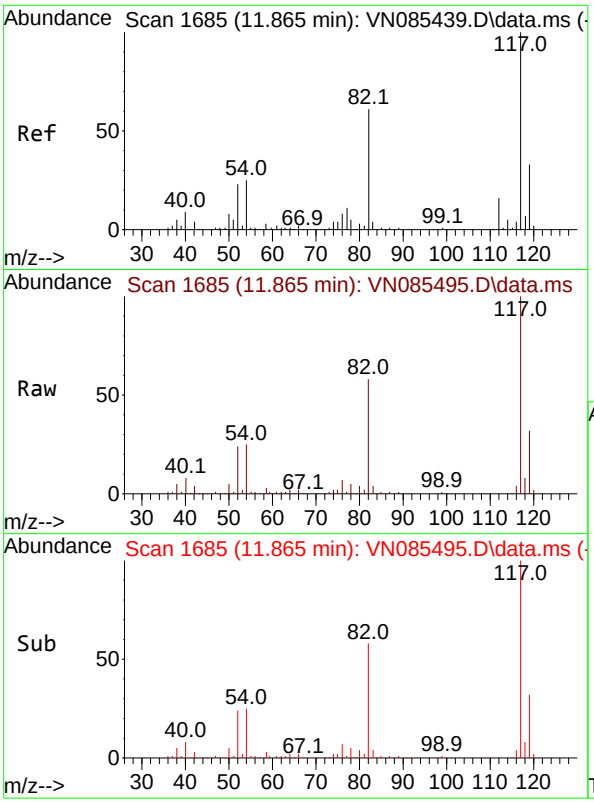


#62
4-Bromofluorobenzene
Concen: 44.553 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 95 Resp: 131852

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	70.6	0.0	142.4



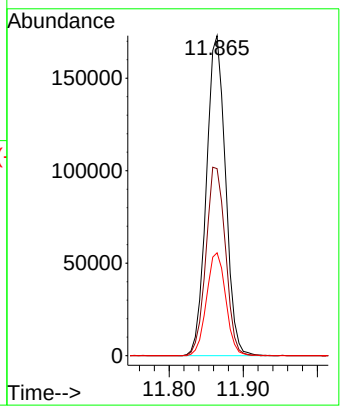


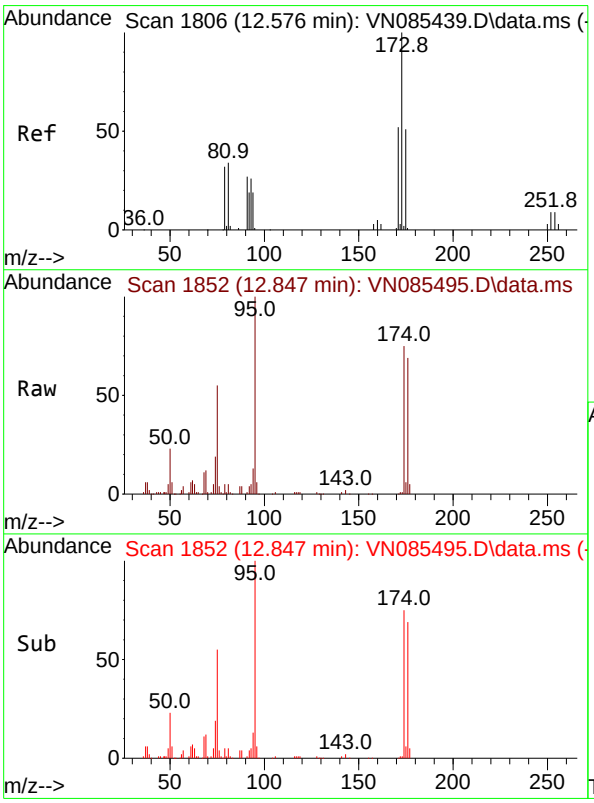
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion:117 Resp: 310077

Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	32.2	26.6	39.8

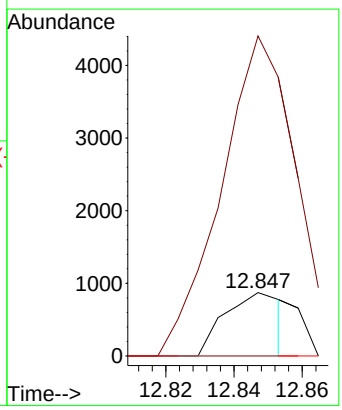


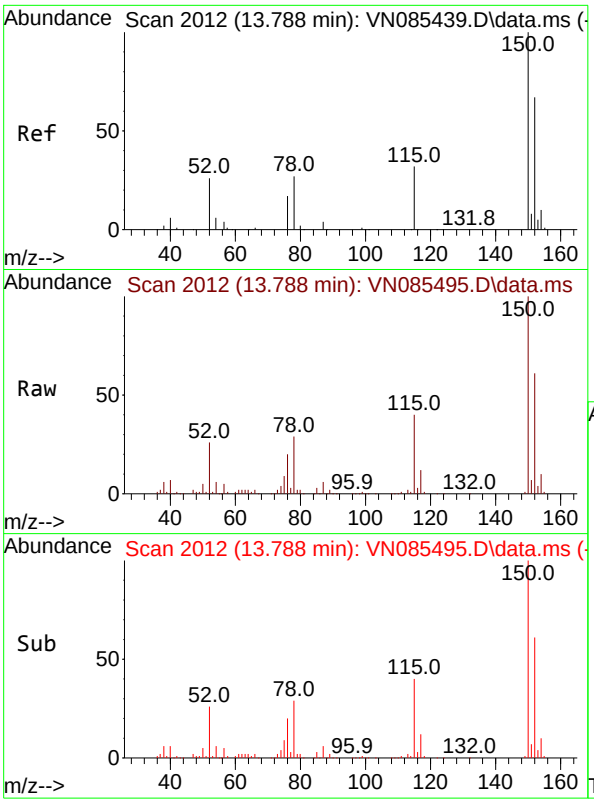


#71
Bromoform
Concen: 0.568 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion:173 Resp: 1014

Ion	Ratio	Lower	Upper
173	100		
175	536.9	24.4	73.2#
254	0.0	0.0	0.0



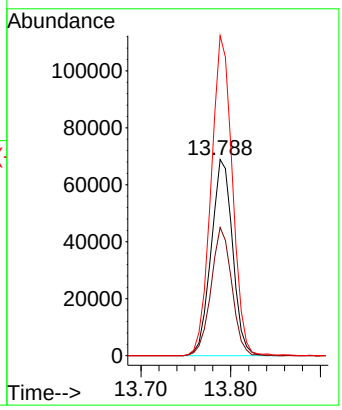


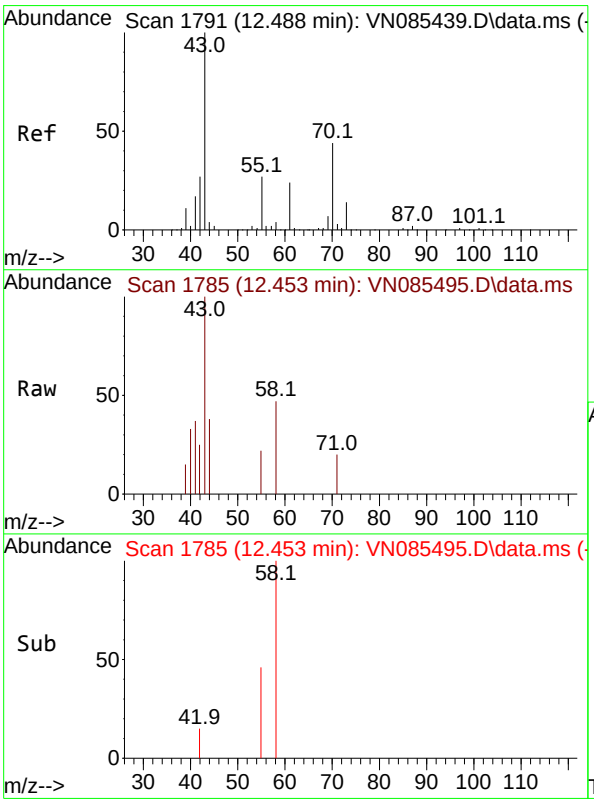
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion:152 Resp: 114286

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.1	93.3
150	161.8	0.0	343.6

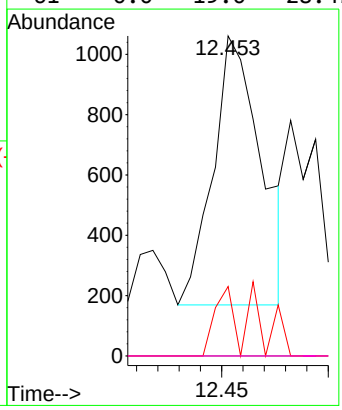


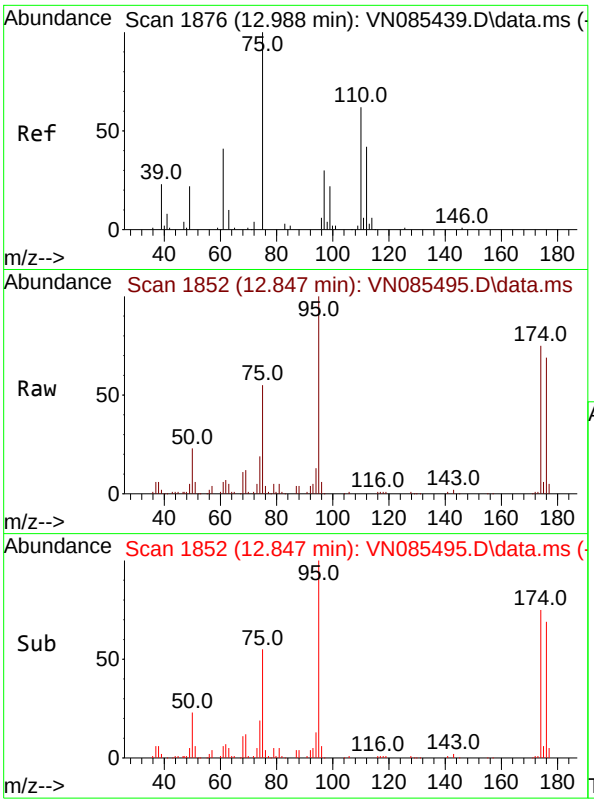


#74
N-amyl acetate
Concen: 0.402 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.035 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	9.9	21.4	32.2#
61	0.0	19.0	28.4#



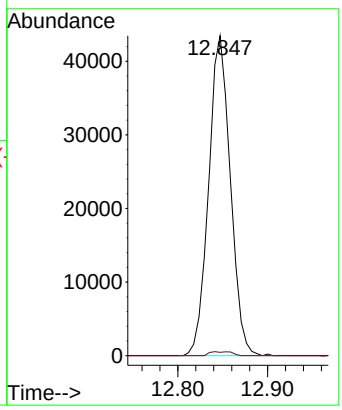


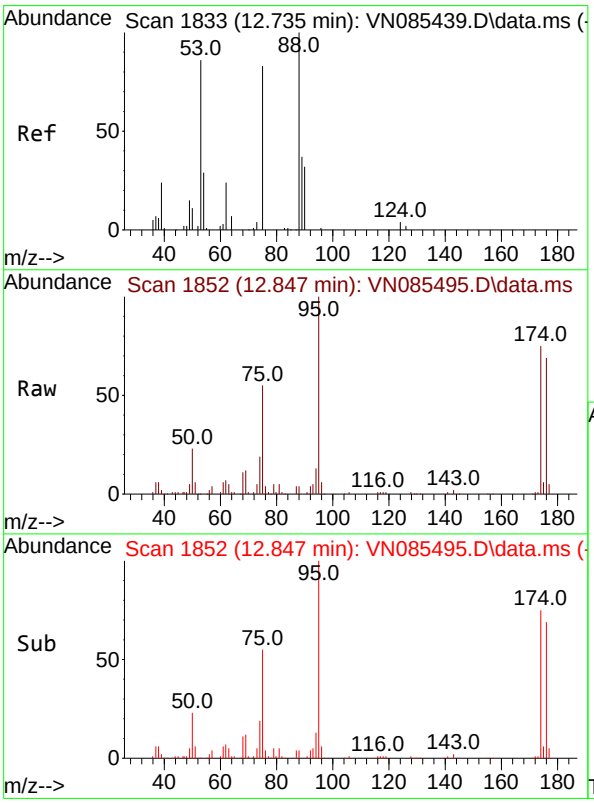
#76
1,2,3-Trichloropropane
Concen: 31.469 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
366

Tgt Ion: 75 Resp: 73100

Ion	Ratio	Lower	Upper
75	100		
77	1.3	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.143 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085495.D
Acq: 17 Jan 2025 16:00

Tgt Ion: 75 Resp: 73100

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