Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083779.D
Acq On : 11 Sep 2024 08:02
Operator : JC\MD
Sample : PB163204ZHE#09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Quant Time: Sep 11 08:31:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	94562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96404	67.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 135.220%#			
35) Dibromofluoromethane	8.165	113	77428	58.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.620%			
50) Toluene-d8	10.565	98	280801	61.169	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.340%#			
62) 4-Bromofluorobenzene	12.847	95	131871	69.627	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 139.260%#			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	448	Below Cal	#	41
5) Bromomethane	2.901	94	308	0.446	ug/l #	2
6) Chloroethane	3.042	64	1088	1.303	ug/l #	45
13) Acrolein	4.183	56	153	0.812	ug/l #	13
16) Acetone	4.430	43	38298	67.002	ug/l	90
18) Methyl Acetate	5.030	43	9531	6.384	ug/l	96
20) Methylene Chloride	5.271	84	8753	7.483	ug/l #	79
25) 2-Butanone	7.483	43	4461	5.938	ug/l #	74
29) Tetrahydrofuran	7.847	42	179	0.403	ug/l #	32
31) Cyclohexane	8.212	56	2473	1.200	ug/l #	45
36) 1,1-Dichloropropene	8.218	75	8419	4.212	ug/l #	50
37) Ethyl Acetate	7.547	43	3716	2.048	ug/l #	68
38) Carbon Tetrachloride	8.224	117	10922	4.817	ug/l #	16
42) 1,2-Dichloroethane	8.671	62	457	0.203	ug/l #	77
43) Isopropyl Acetate	8.688	43	174902	53.201	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	1207	0.830	ug/l #	42
48) Methyl methacrylate	9.665	41	3600	2.308	ug/l #	45
51) 4-Methyl-2-Pentanone	10.453	43	9205	5.144	ug/l #	72
53) t-1,3-Dichloropropene	10.724	75	691	0.309	ug/l #	42
54) cis-1,3-Dichloropropene	10.359	75	43278	18.442	ug/l #	65
56) Ethyl methacrylate	10.988	69	1221	0.578	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5881	2.491	ug/l #	42
59) 2-Hexanone	11.171	43	111558	84.271	ug/l #	24
71) Bromoform	12.841	173	569	0.447	ug/l #	1
74) N-amyl acetate	12.488	43	850	0.223	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	75331	32.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75331	84.836	ug/l #	9

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

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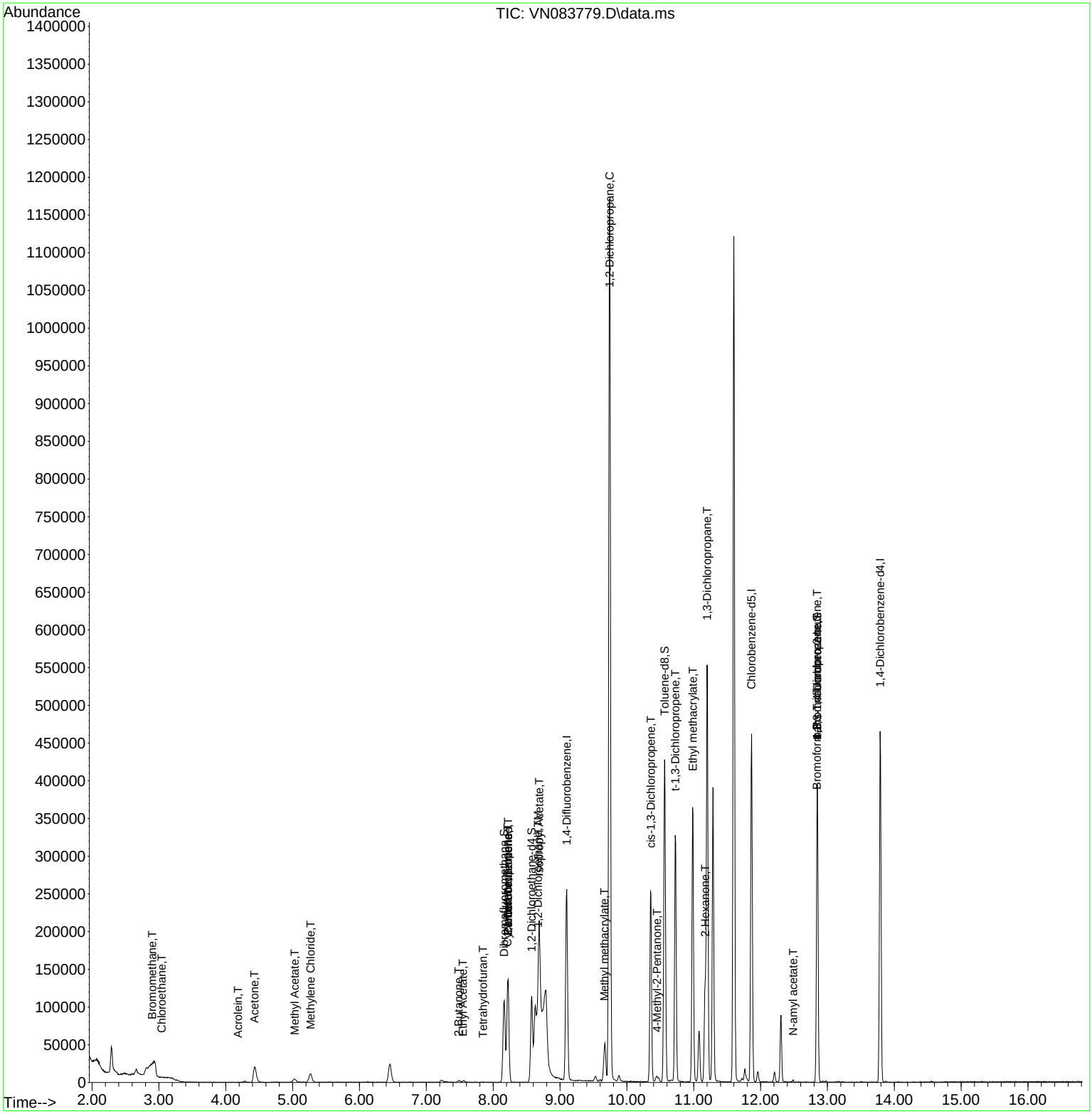
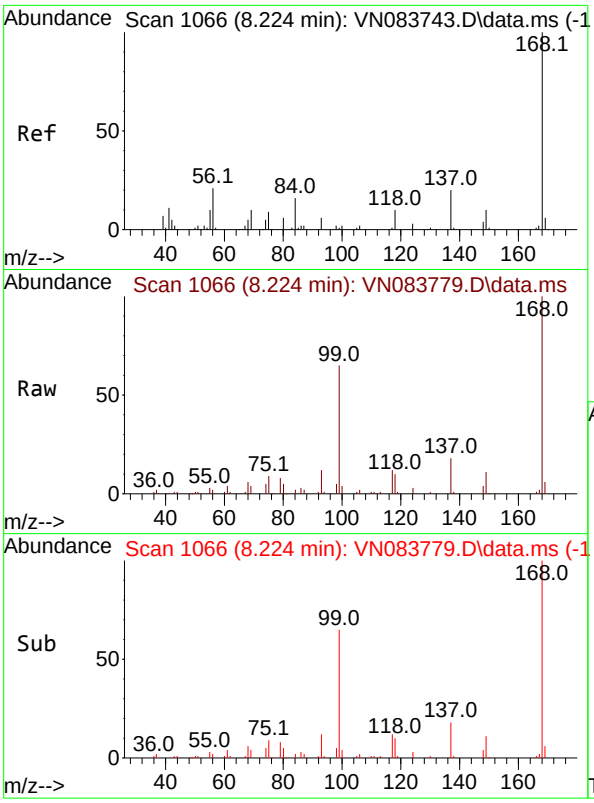
Data File : VN083779.D
Acq On : 11 Sep 2024 08:02
Operator : JC\MD
Sample : PB163204ZHE#09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Quant Time: Sep 11 08:31:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration



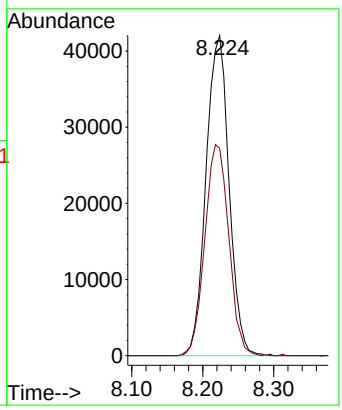


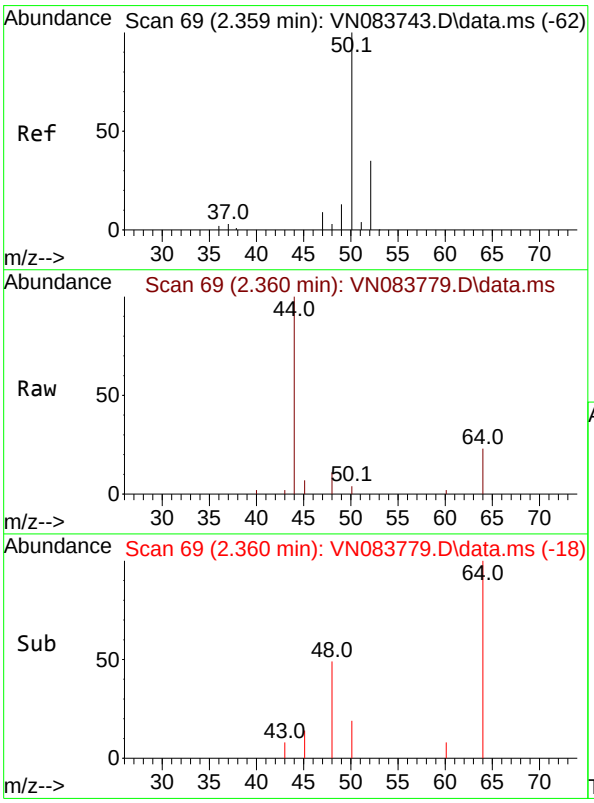
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion:168 Resp: 94562

Ion	Ratio	Lower	Upper
168	100		
99	64.8	54.2	81.2

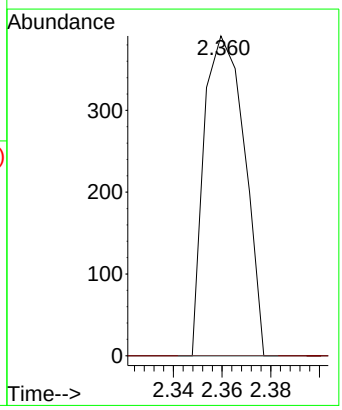


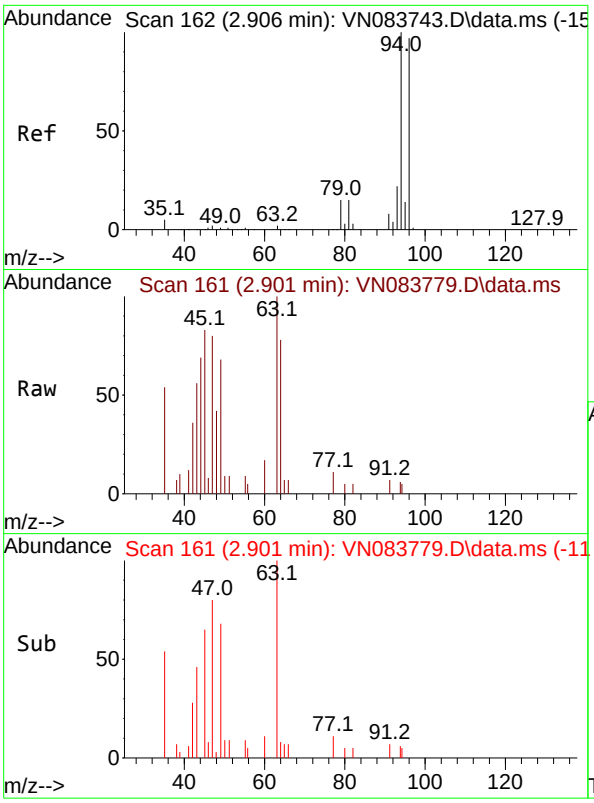


#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 50 Resp: 448

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.2	40.8#



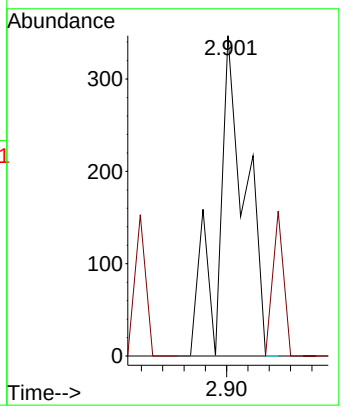


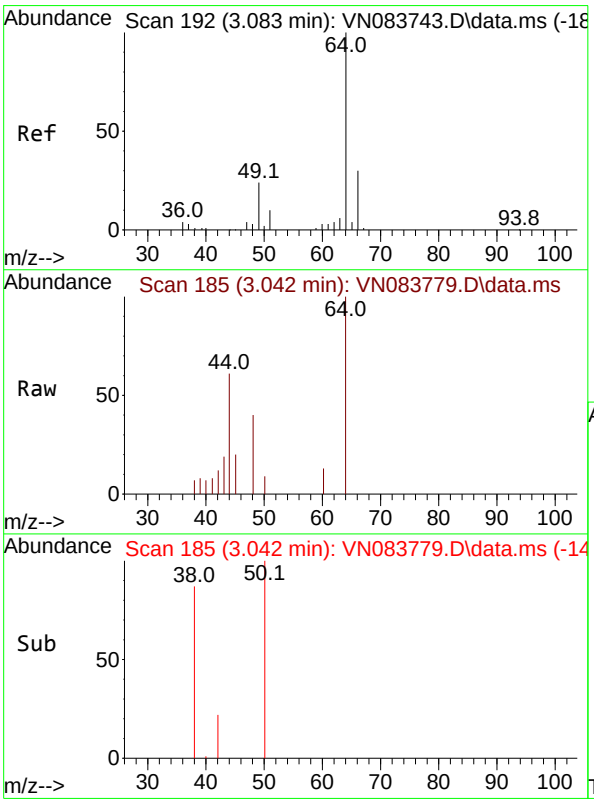
#5
Bromomethane
Concen: 0.446 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 94 Resp: 308

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.0	114.0#

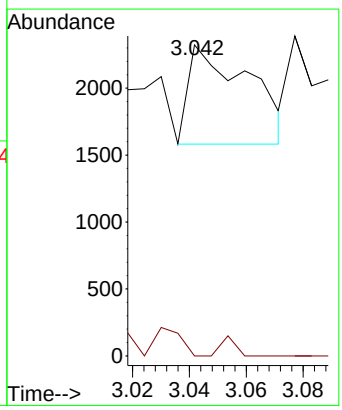


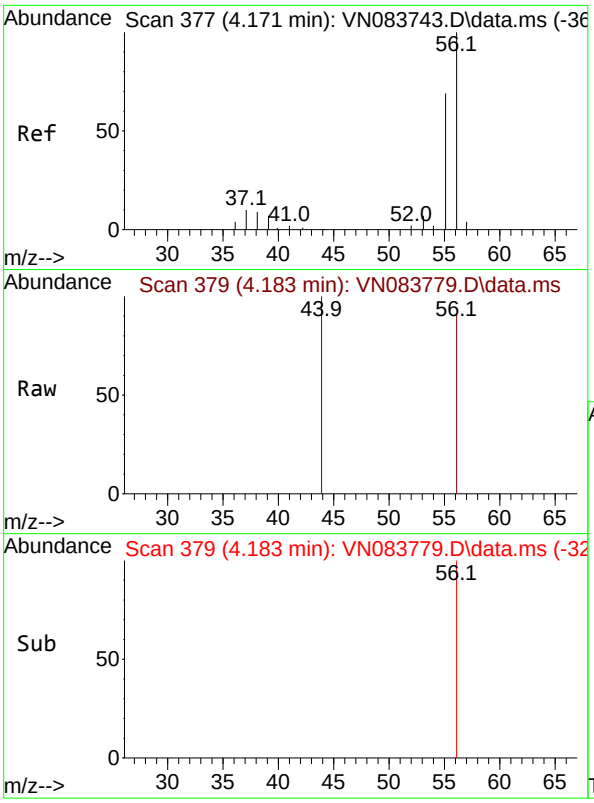


#6
Chloroethane
Concen: 1.303 ug/l
RT: 3.042 min Scan# 185
Delta R.T. -0.041 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 64 Resp: 1088

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.9	35.9#



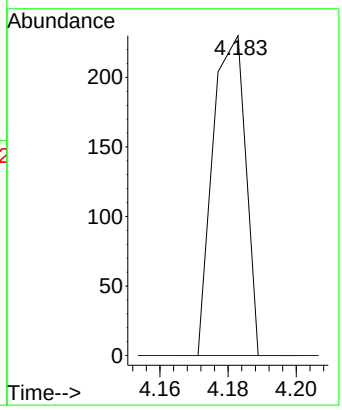


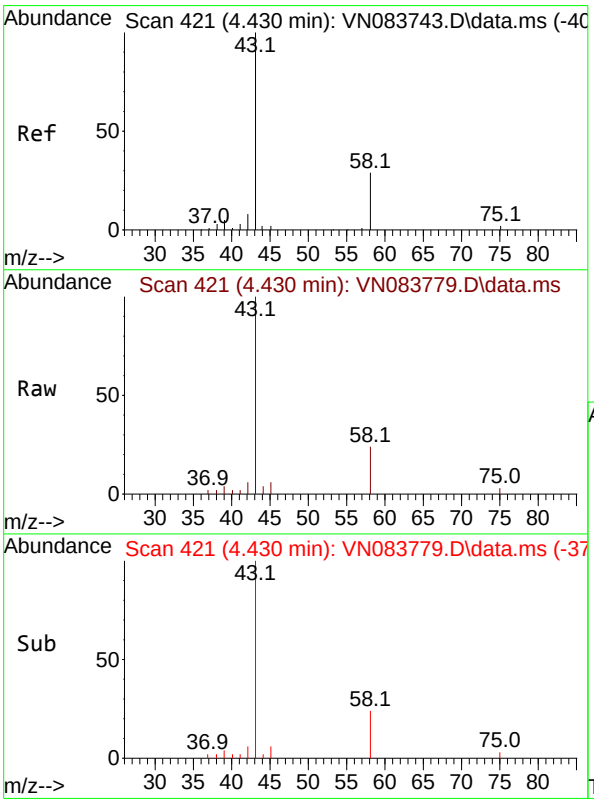
#13
Acrolein
Concen: 0.812 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 56 Resp: 153

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.2#

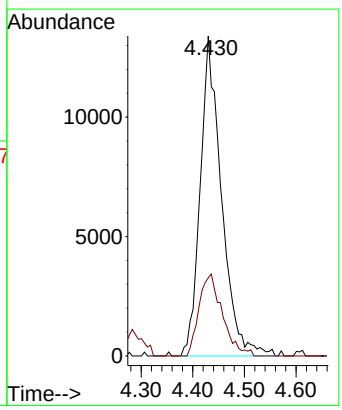


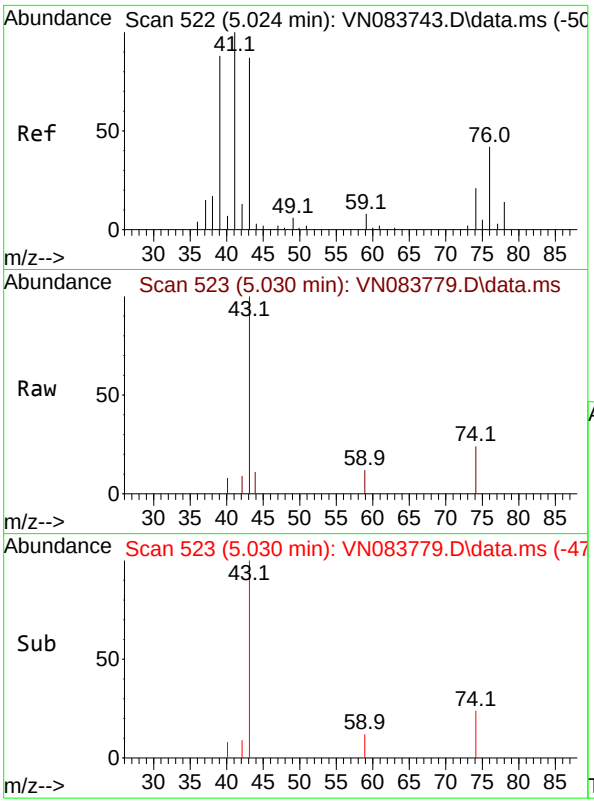


#16
Acetone
Concen: 67.002 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 43 Resp: 38298

Ion	Ratio	Lower	Upper
43	100		
58	24.4	23.7	35.5



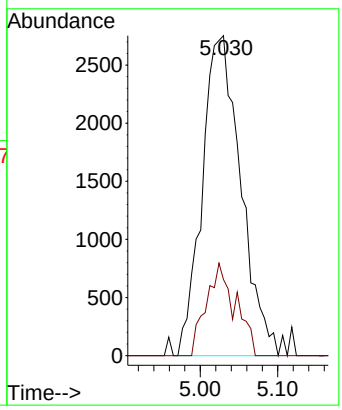


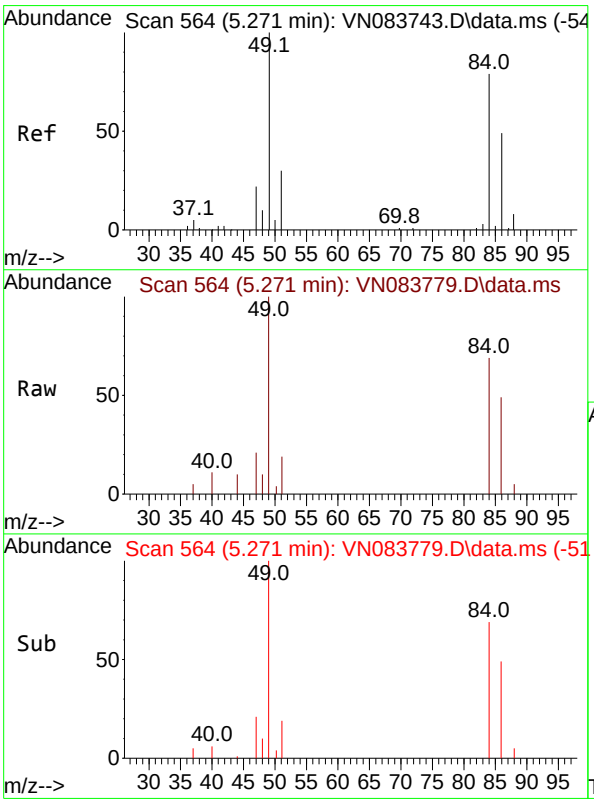
#18
Methyl Acetate
Concen: 6.384 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 43 Resp: 9531

Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.0	28.4

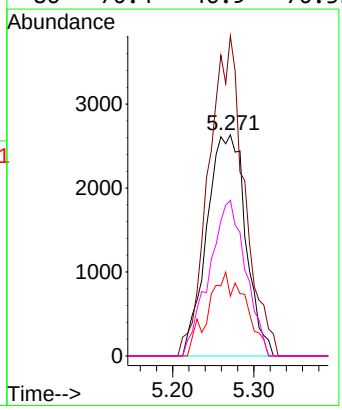


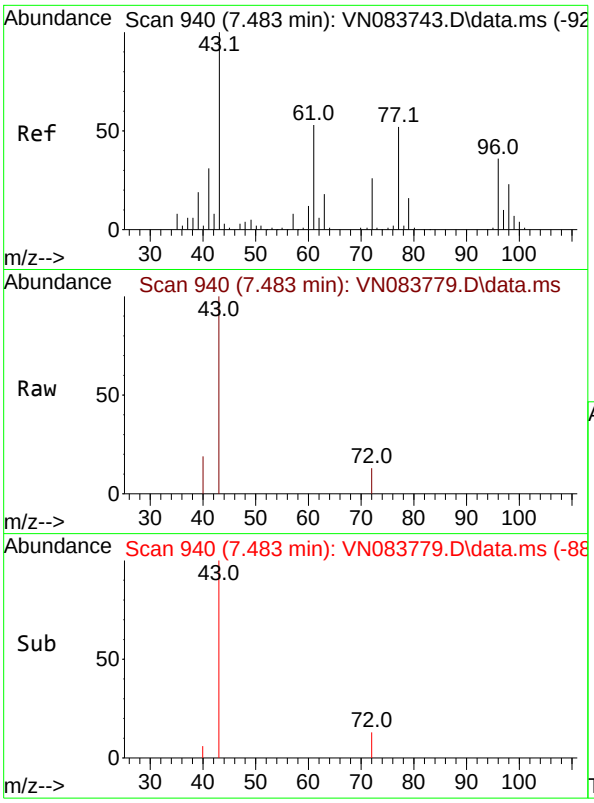


#20
Methylene Chloride
Concen: 7.483 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 84 Resp: 8753

Ion	Ratio	Lower	Upper
84	100		
49	144.7	93.4	140.0#
51	27.1	29.2	43.8#
86	70.4	46.9	70.3#



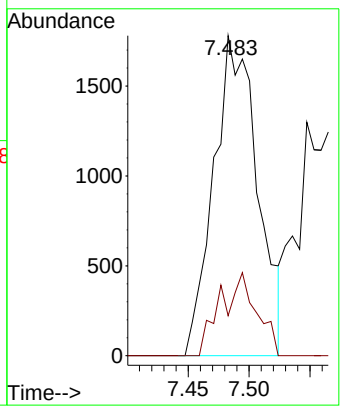


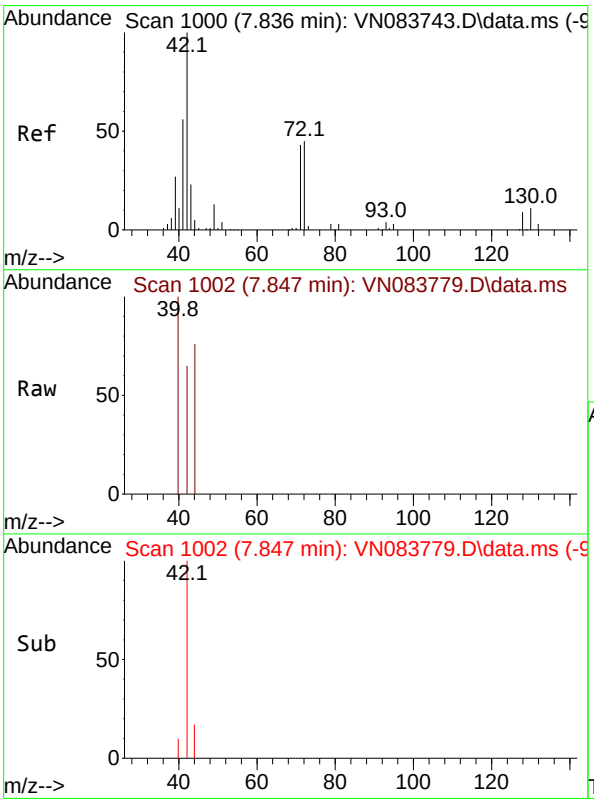
#25
2-Butanone
Concen: 5.938 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 43 Resp: 4461

Ion	Ratio	Lower	Upper
43	100		
72	12.5	20.8	31.2#

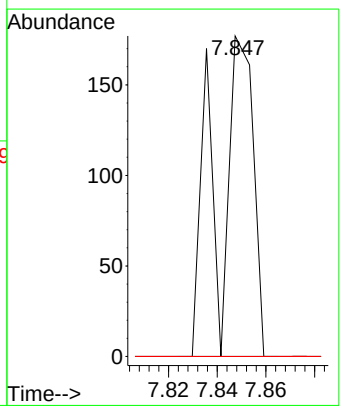


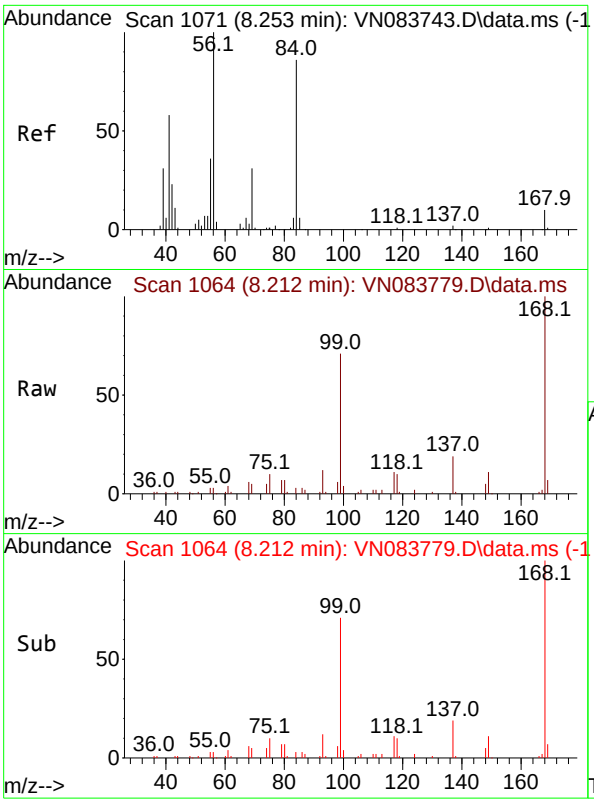


#29
Tetrahydrofuran
Concen: 0.403 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 42 Resp: 179

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	33.9	50.9#



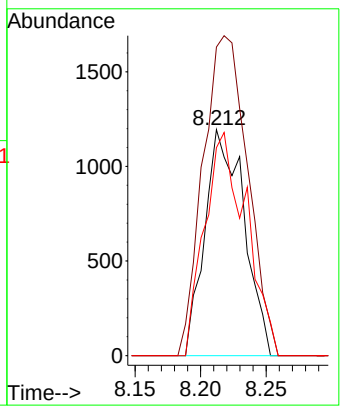


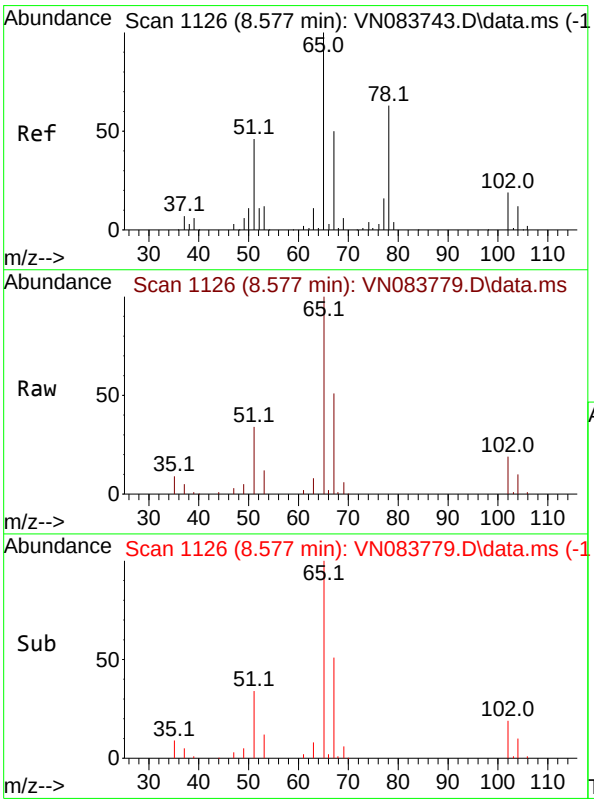
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 56 Resp: 2473

Ion	Ratio	Lower	Upper
56	100		
69	136.5	26.9	40.3#
84	92.0	69.2	103.8

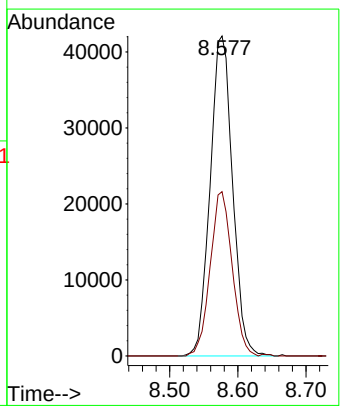


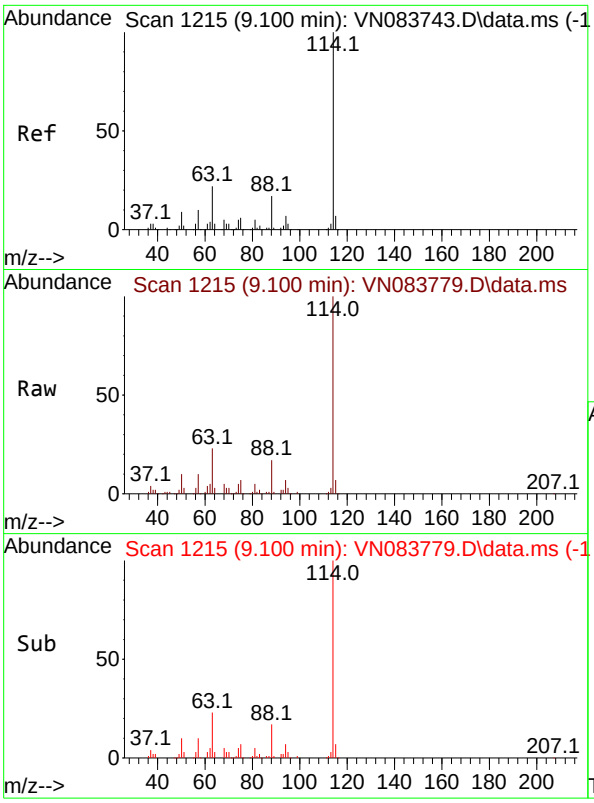


#33
1,2-Dichloroethane-d4
Concen: 67.611 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 65 Resp: 96404

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.8



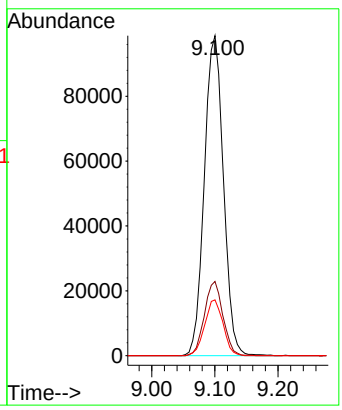


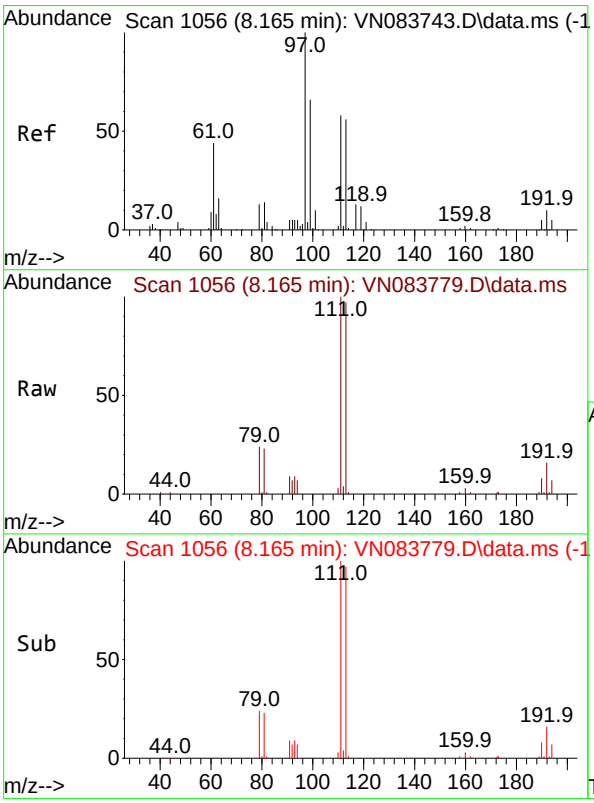
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion:114 Resp: 207422

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	43.4
88	17.5	0.0	32.6

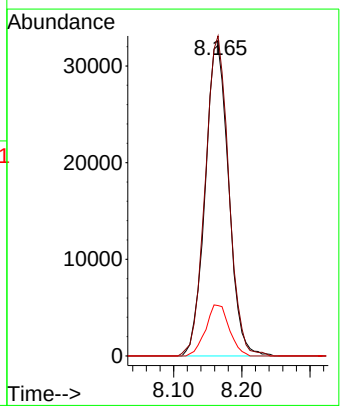


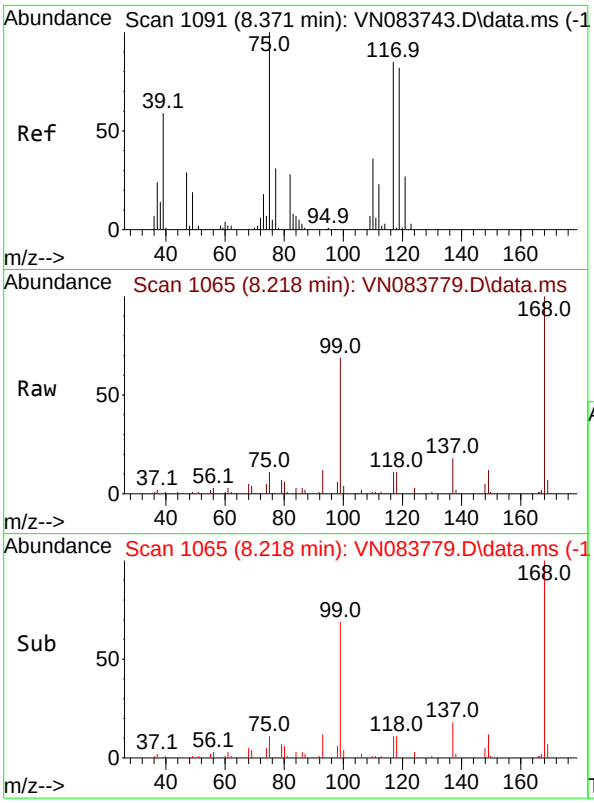


#35
Dibromofluoromethane
Concen: 58.309 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion:113 Resp: 77428

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	16.4	14.3	21.5



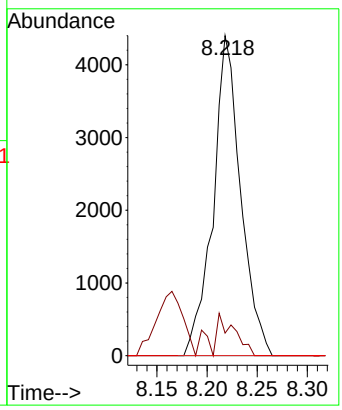


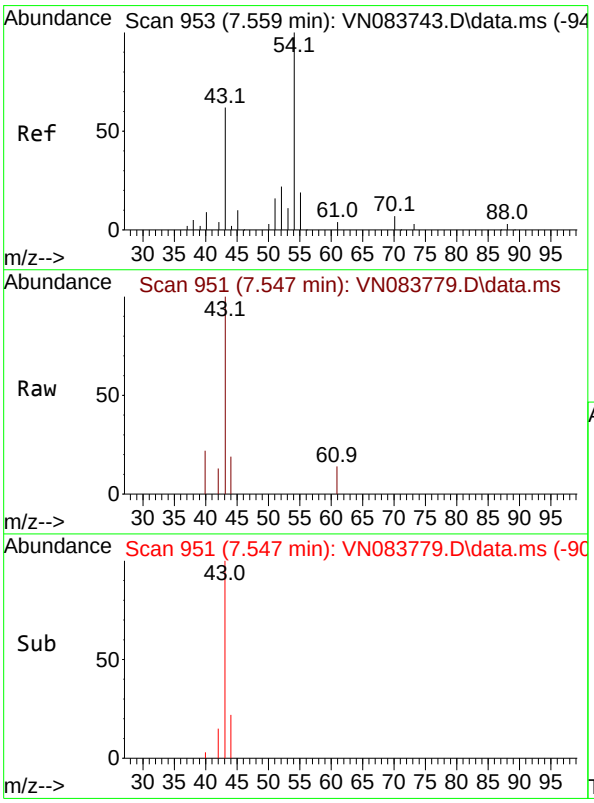
#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 75 Resp: 8419

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.7	50.1#
77	0.0	25.2	37.8#

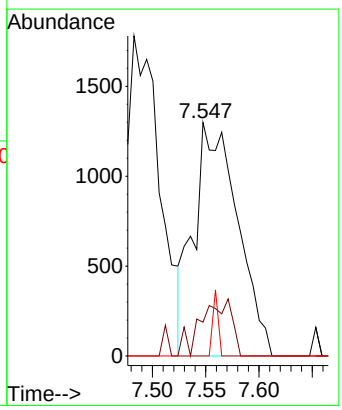


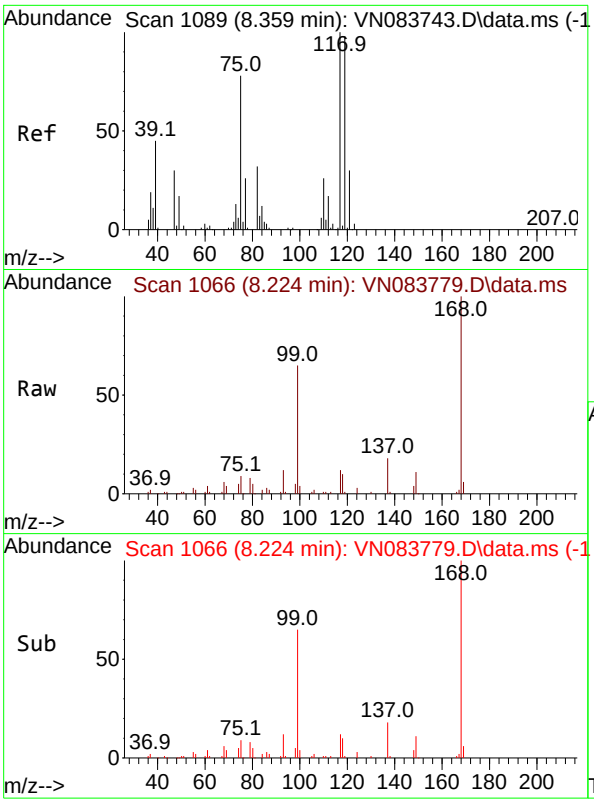


#37
Ethyl Acetate
Concen: 2.048 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.012 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 43 Resp: 3716

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.8	13.2#



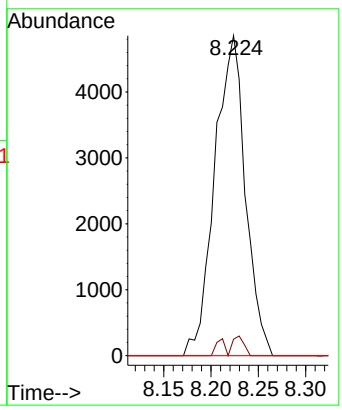


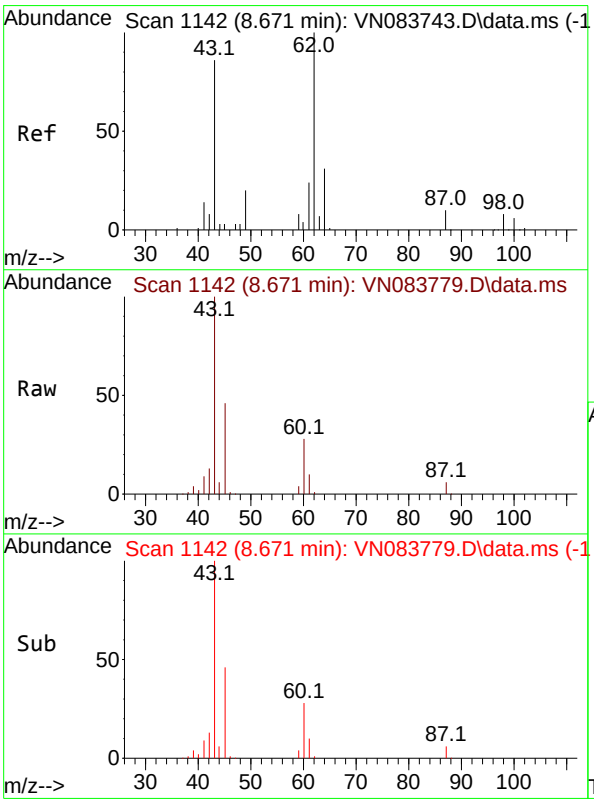
#38
Carbon Tetrachloride
Concen: 4.817 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion:117 Resp: 10922

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.1	114.1#
121	0.0	24.1	36.1#

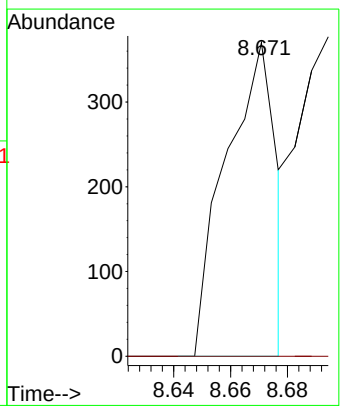


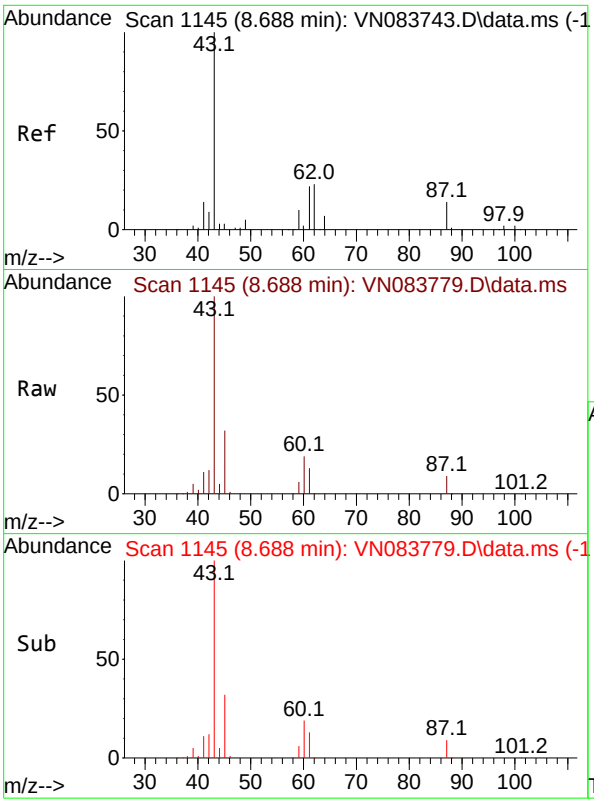


#42
1,2-Dichloroethane
Concen: 0.203 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 62 Resp: 457

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



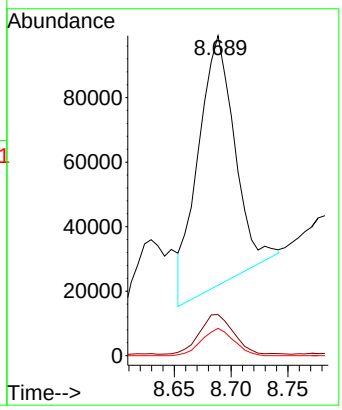


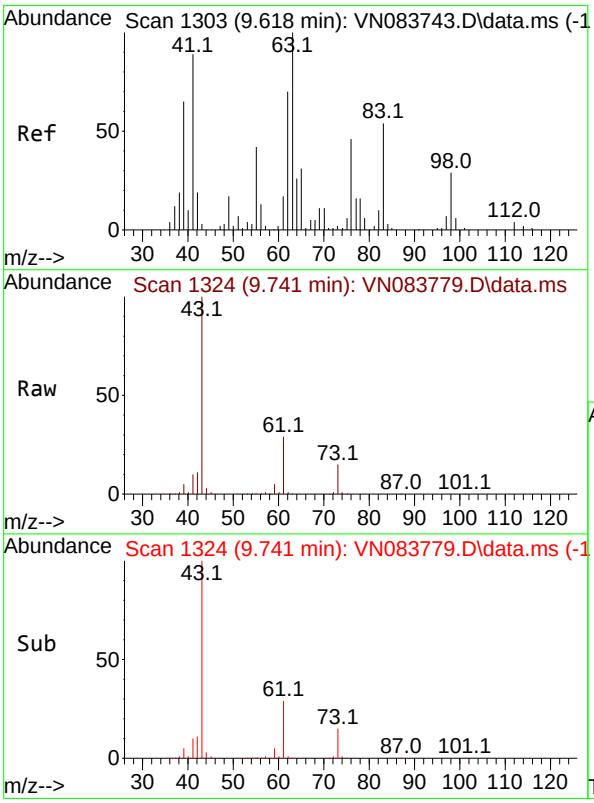
#43
Isopropyl Acetate
Concen: 53.201 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 43 Resp: 174902

Ion	Ratio	Lower	Upper
43	100		
61	16.5	19.4	29.0#
87	9.5	9.8	14.6#

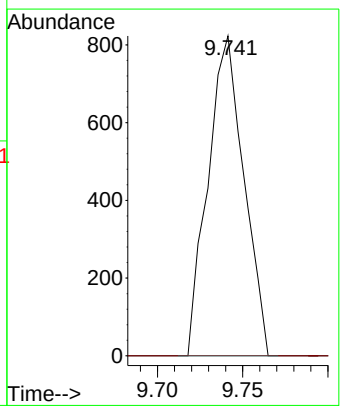


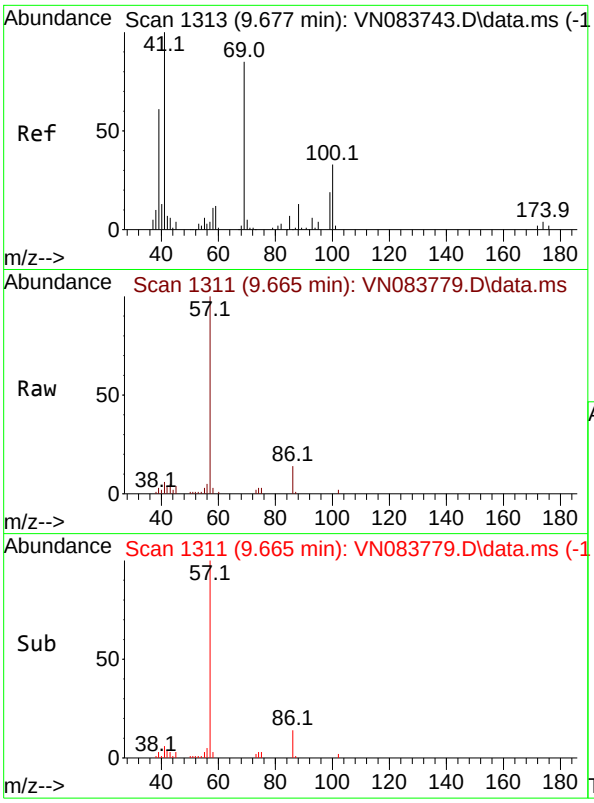


#45
1,2-Dichloropropane
Concen: 0.830 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 63 Resp: 1207

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.9	38.9#



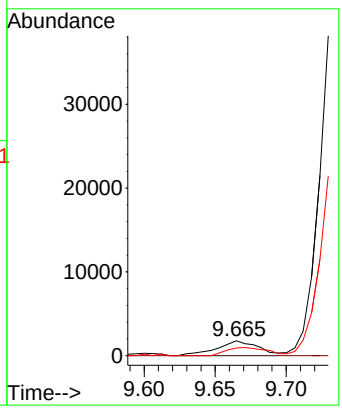


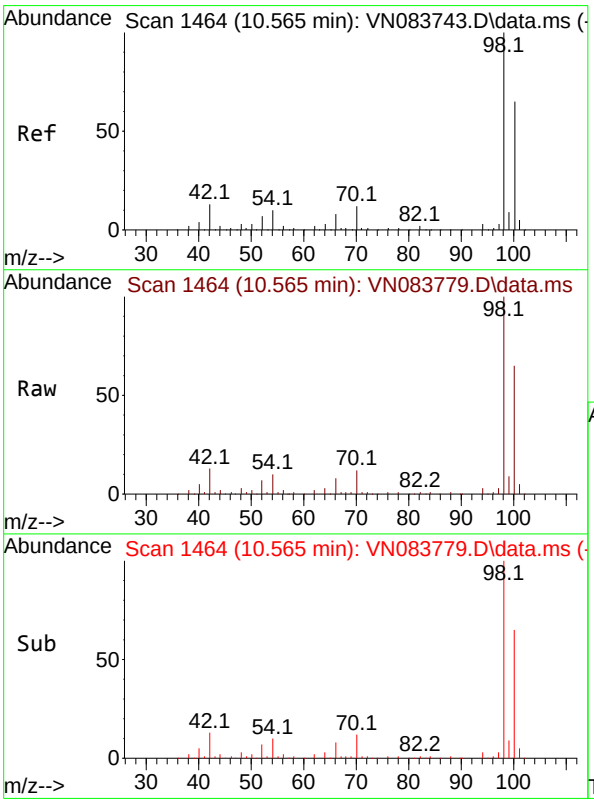
#48
Methyl methacrylate
Concen: 2.308 ug/l
RT: 9.665 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 41 Resp: 3600

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.3	96.5#
39	54.8	48.9	73.3

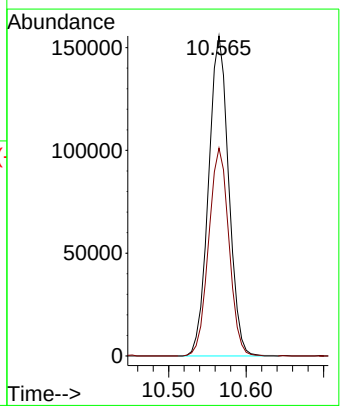


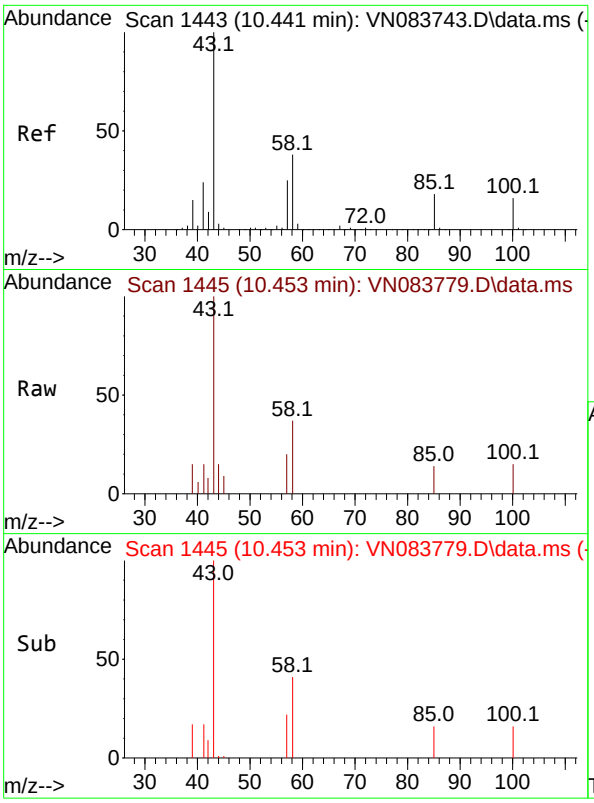


#50
Toluene-d8
Concen: 61.169 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 98 Resp: 280801

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0



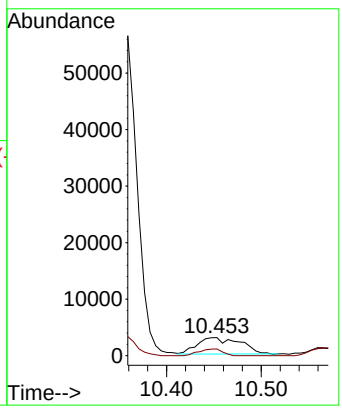


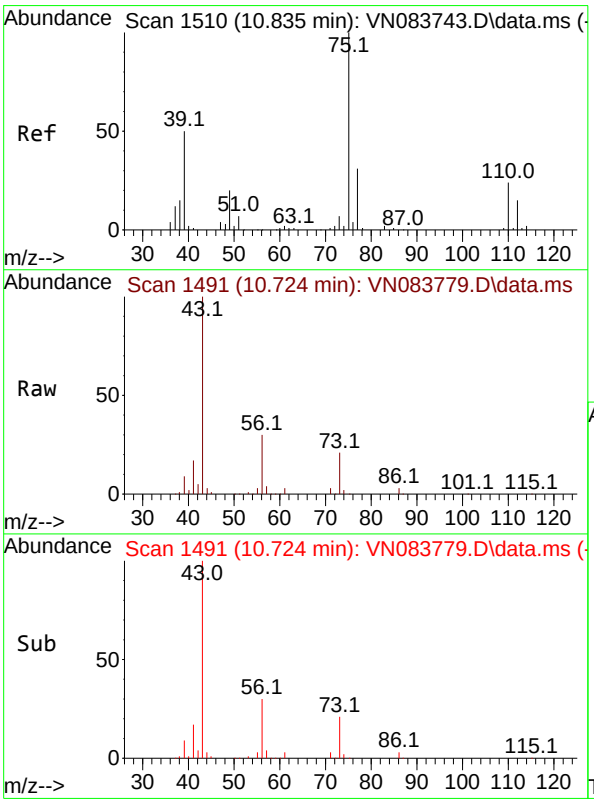
#51
4-Methyl-2-Pentanone
Concen: 5.144 ug/l
RT: 10.453 min Scan# 14
Delta R.T. 0.012 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 43 Resp: 9205

Ion	Ratio	Lower	Upper
43	100		
58	22.3	31.6	47.4#

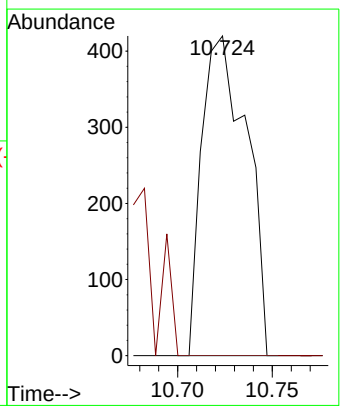


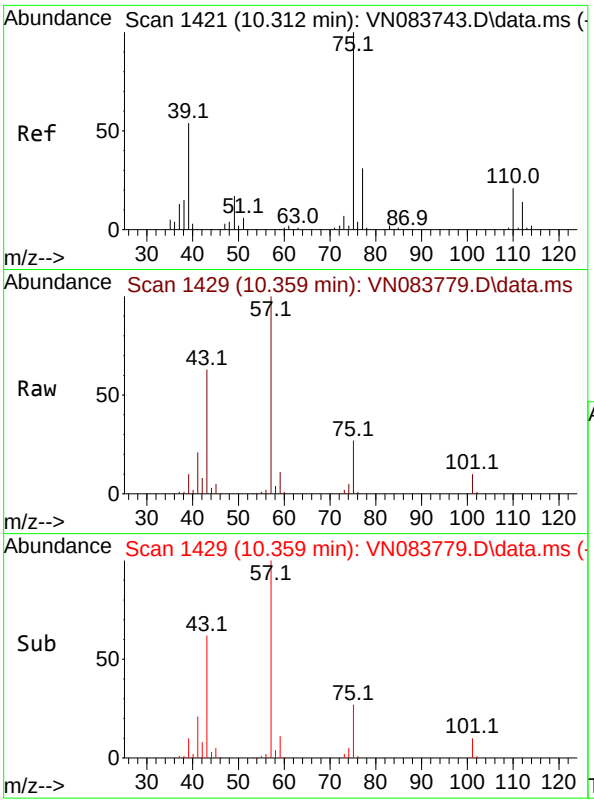


#53
t-1,3-Dichloropropene
Concen: 0.309 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 75 Resp: 691

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#



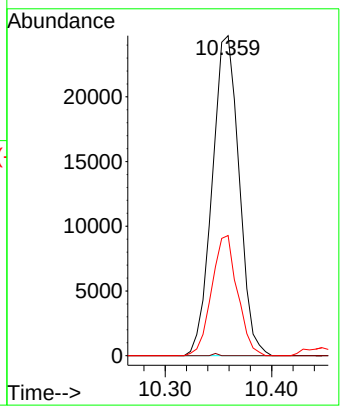


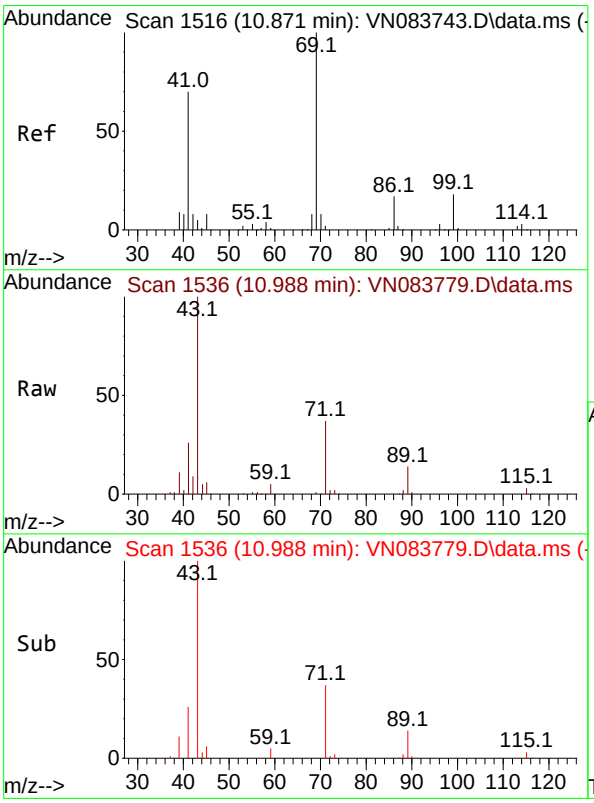
#54
cis-1,3-Dichloropropene
Concen: 18.442 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 75 Resp: 43278

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	37.5	42.6	64.0#

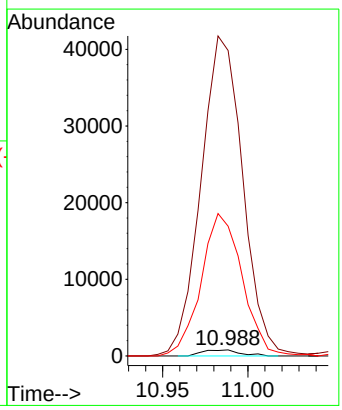


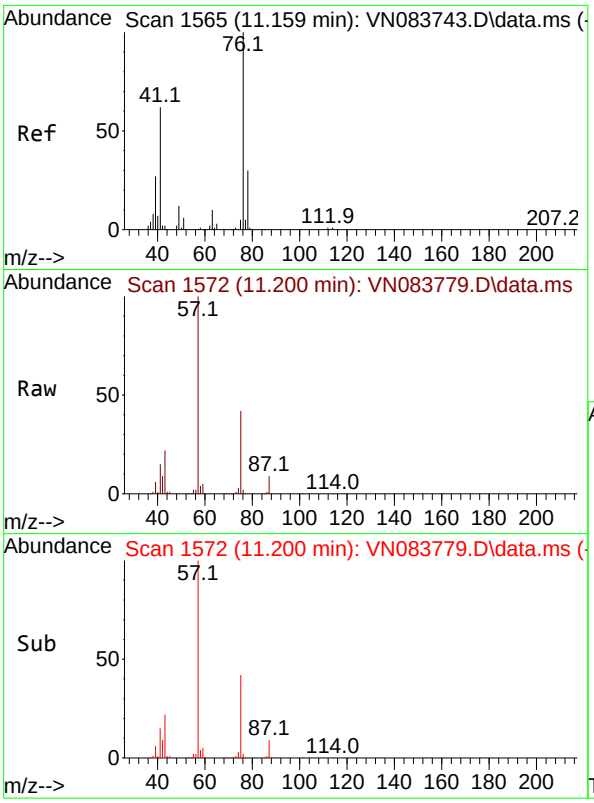


#56
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.118 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 69 Resp: 1221

Ion	Ratio	Lower	Upper
69	100		
41	5845.9	53.9	80.9#
39	2557.8	32.6	48.8#



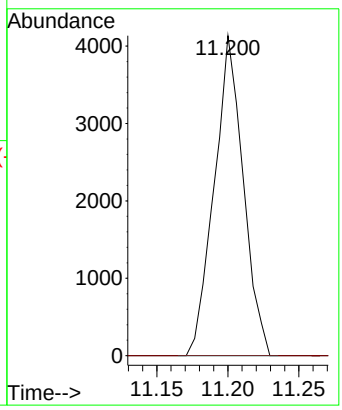


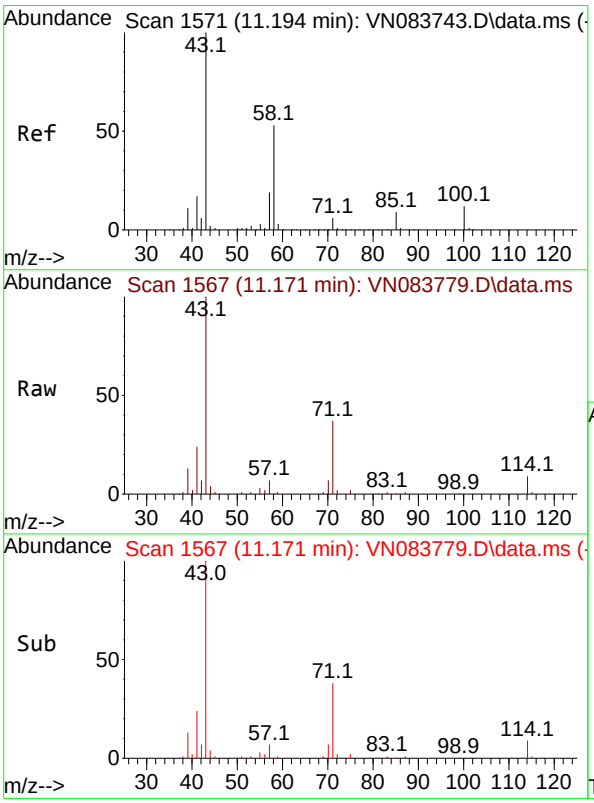
#57
1,3-Dichloropropane
Concen: 2.491 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 76 Resp: 5881

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

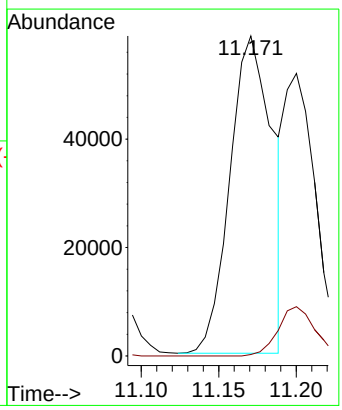


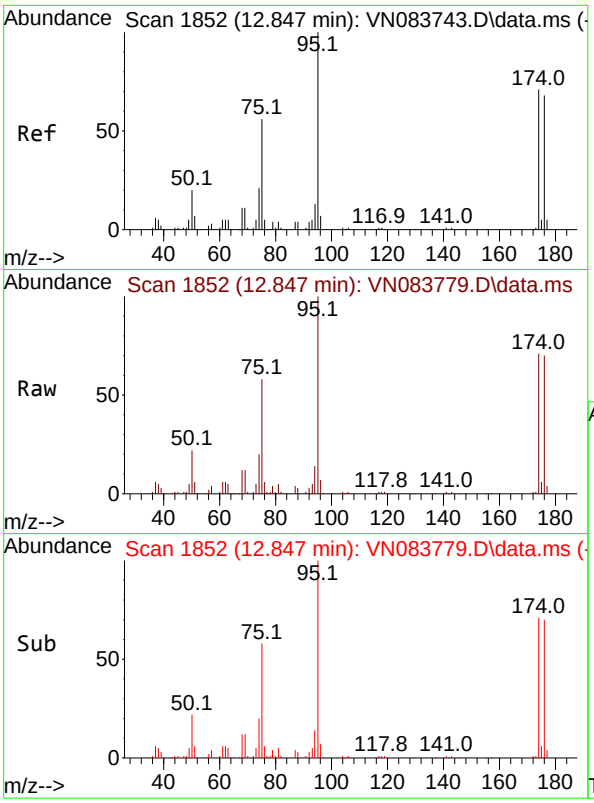


#59
2-Hexanone
Concen: 84.271 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 43 Resp: 111558

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.2	81.5#



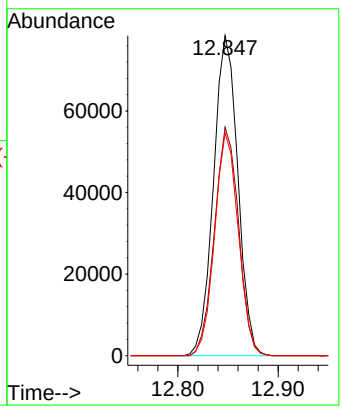


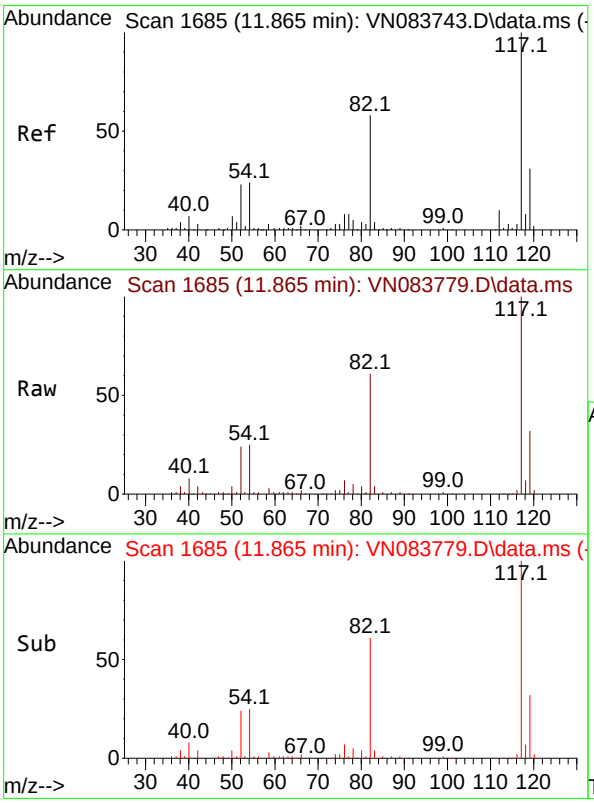
#62
4-Bromofluorobenzene
Concen: 69.627 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 95 Resp: 131871

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	139.8
176	68.0	0.0	131.4

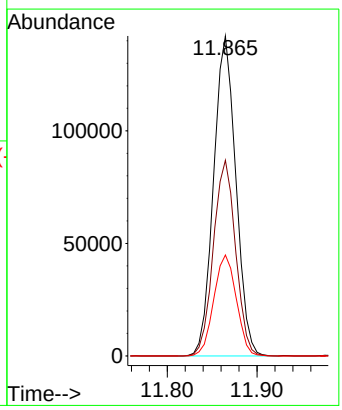


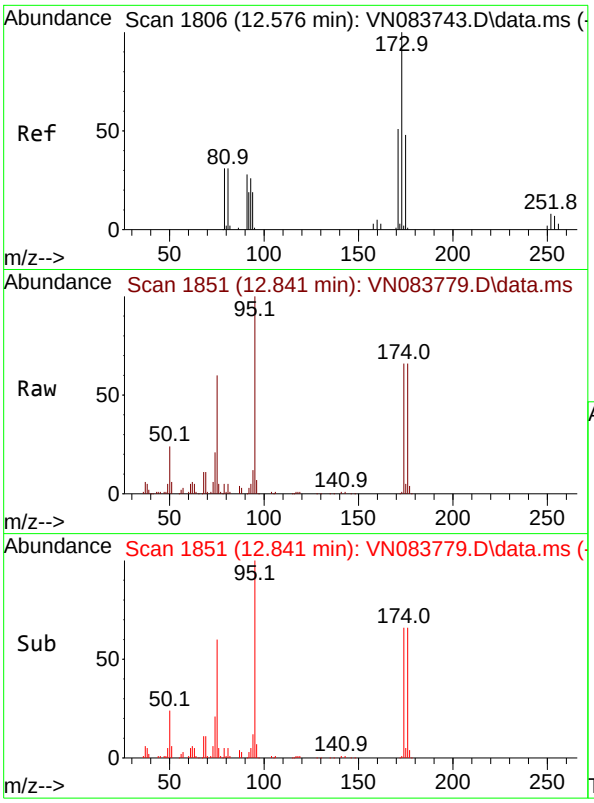


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion:117 Resp: 244927

Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.0
119	31.5	26.3	39.5



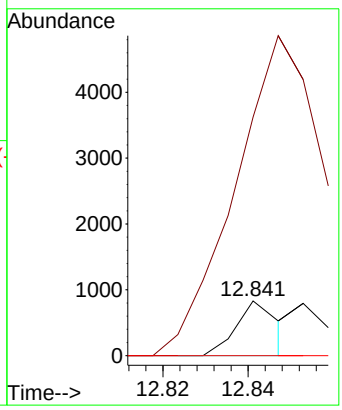


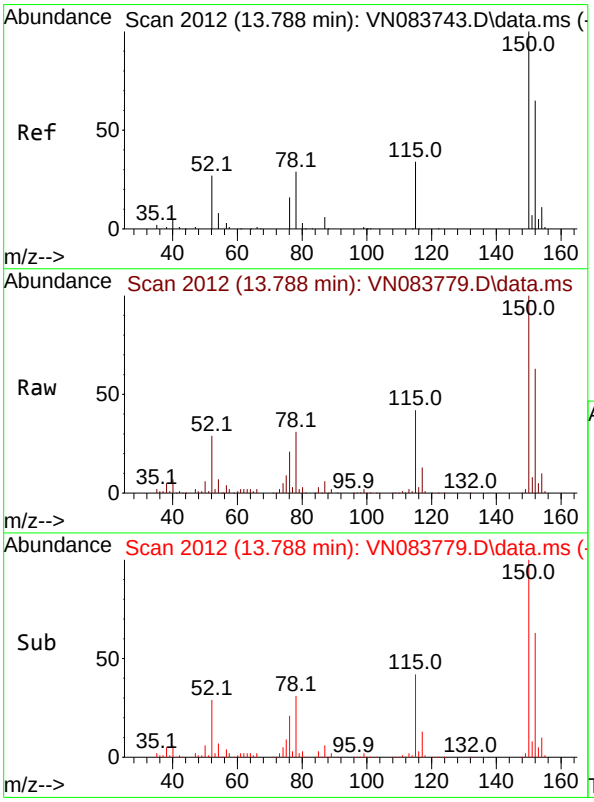
#71
Bromoform
Concen: 0.447 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion:173 Resp: 569

Ion	Ratio	Lower	Upper
173	100		
175	1009.0	24.1	72.2#
254	0.0	0.0	0.0

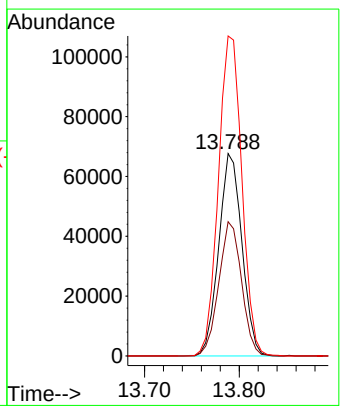


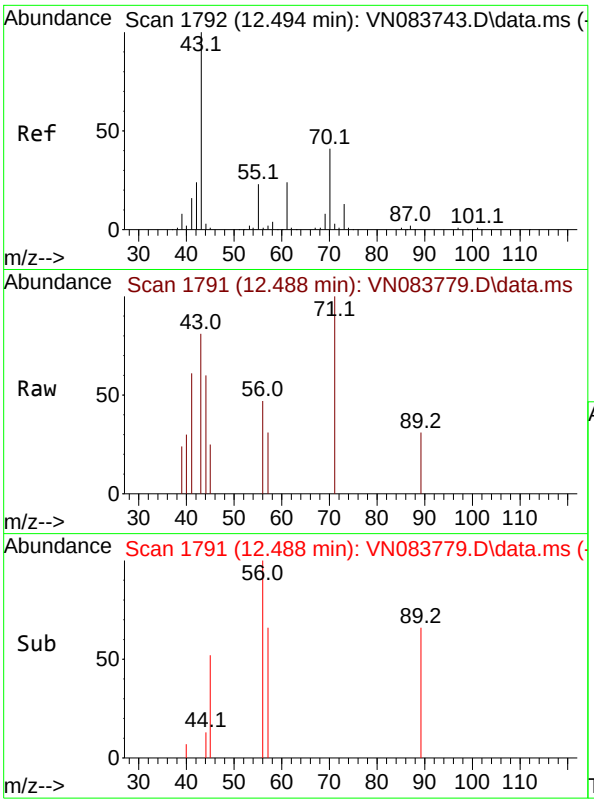


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion:152 Resp: 115256

Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.2	96.6
150	159.9	0.0	348.6



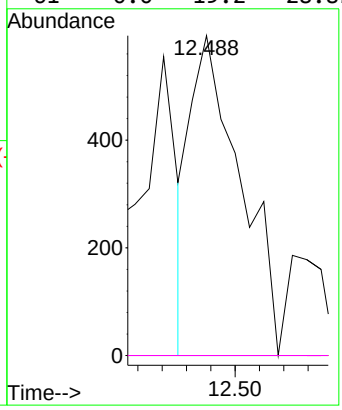


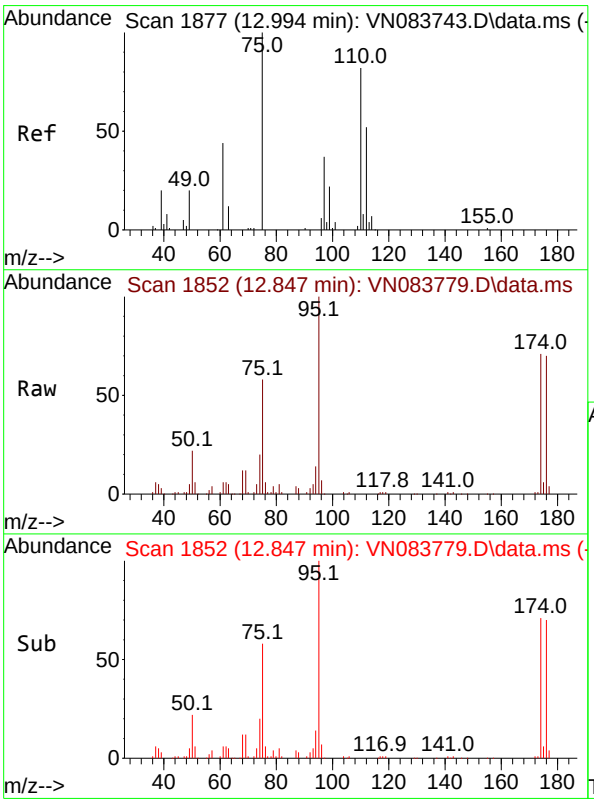
#74
N-amyl acetate
Concen: 0.223 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 43 Resp: 850

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.5	51.7#
55	0.0	18.6	28.0#
61	0.0	19.2	28.8#

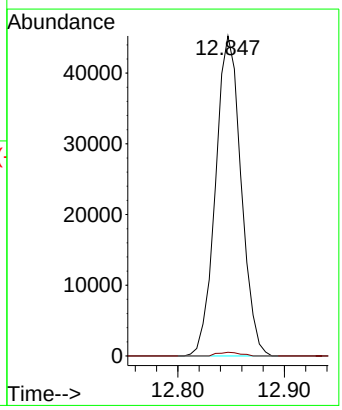


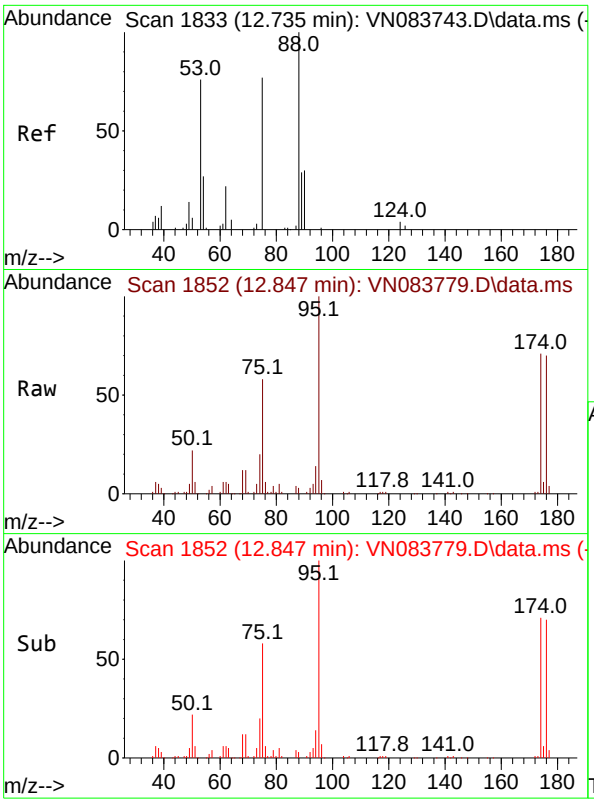


#76
1,2,3-Trichloropropane
Concen: 32.392 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Tgt Ion: 75 Resp: 75331

Ion	Ratio	Lower	Upper
75	100		
77	1.0	95.2	285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.836 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN083779.D
Acq: 11 Sep 2024 08:02

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#09

Tgt Ion: 75 Resp: 75331

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.2	121.8#
89	0.0	35.7	53.5#