Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
Data File : VN083897.D
Acq On : 14 Sep 2024 17:56
Operator : JC\MD
Sample : PB163310TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Quant Time: Sep 16 01:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	188085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125318	44.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.380%		
35) Dibromofluoromethane	8.165	113	88798	40.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.920%		
50) Toluene-d8	10.565	98	334117	44.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.080%		
62) 4-Bromofluorobenzene	12.847	95	113030	36.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	72.220%#		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	597	Below Cal	#	41
6) Chloroethane	3.130	64	995	0.592	ug/l #	45
16) Acetone	4.436	43	12894	11.341	ug/l	98
18) Methyl Acetate	5.018	43	585	Below Cal	#	52
20) Methylene Chloride	5.277	84	3533	1.519	ug/l #	84
25) 2-Butanone	7.488	43	474	0.317	ug/l #	49
29) Tetrahydrofuran	7.841	42	219	0.248	ug/l #	32
31) Cyclohexane	8.230	56	5514	1.345	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	17532	5.308	ug/l #	47
37) Ethyl Acetate	7.565	43	3230	1.077	ug/l #	85
38) Carbon Tetrachloride	8.230	117	22567	6.022	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	830	0.223	ug/l #	77
43) Isopropyl Acetate	8.688	43	248982	45.826	ug/l #	76
45) 1,2-Dichloropropane	9.735	63	1411	0.587	ug/l #	42
48) Methyl methacrylate	9.741	41	109034	42.298	ug/l #	45
49) 1,4-Dioxane	9.735	88	56	1.321	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	92707	31.345	ug/l #	45
54) cis-1,3-Dichloropropene	10.359	75	40144	10.351	ug/l #	66
56) Ethyl methacrylate	10.988	69	1123	0.322	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5513	1.413	ug/l #	42
59) 2-Hexanone	11.200	43	71248	32.566	ug/l #	53
74) N-amyl acetate	12.488	43	979	0.247	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	65567	27.079	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65567	70.921	ug/l #	9

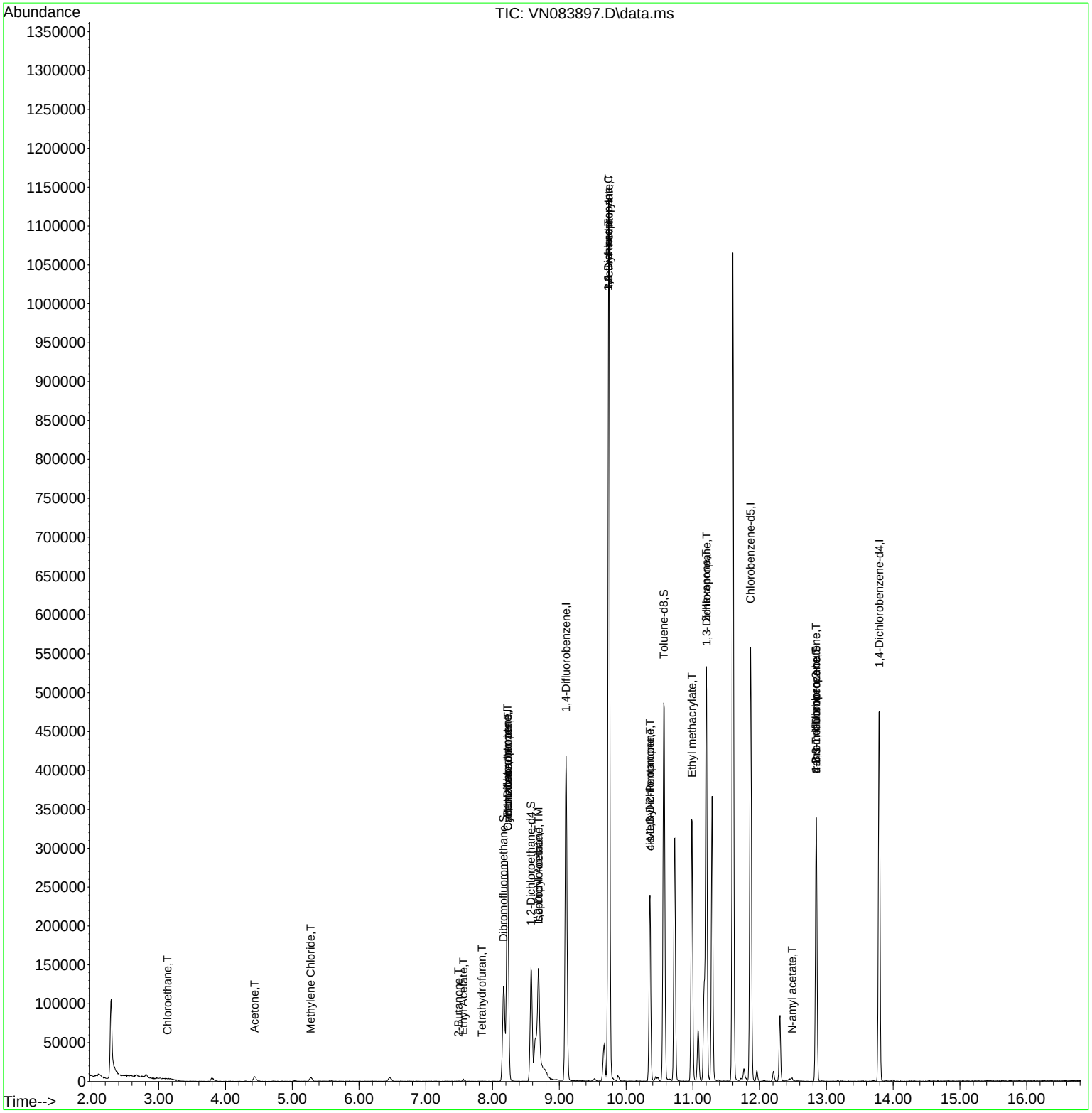
(#) = qualifier out of range (m) = manual integration (+) = signals summed

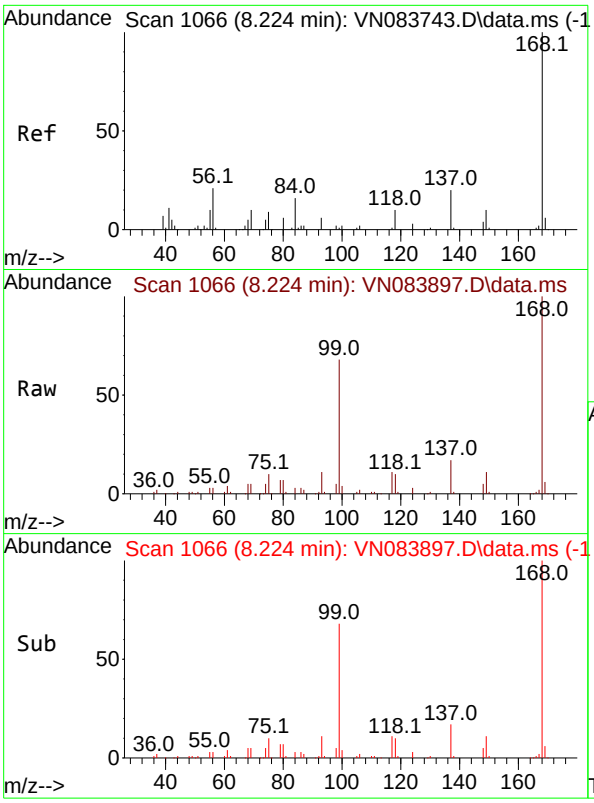
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
Data File : VN083897.D
Acq On : 14 Sep 2024 17:56
Operator : JC\MD
Sample : PB163310TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Quant Time: Sep 16 01:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



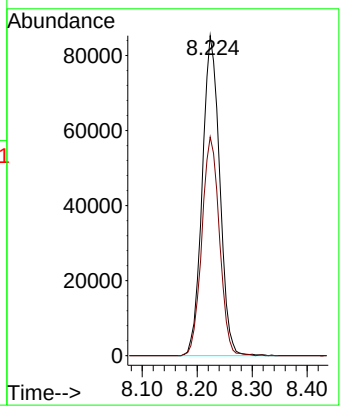


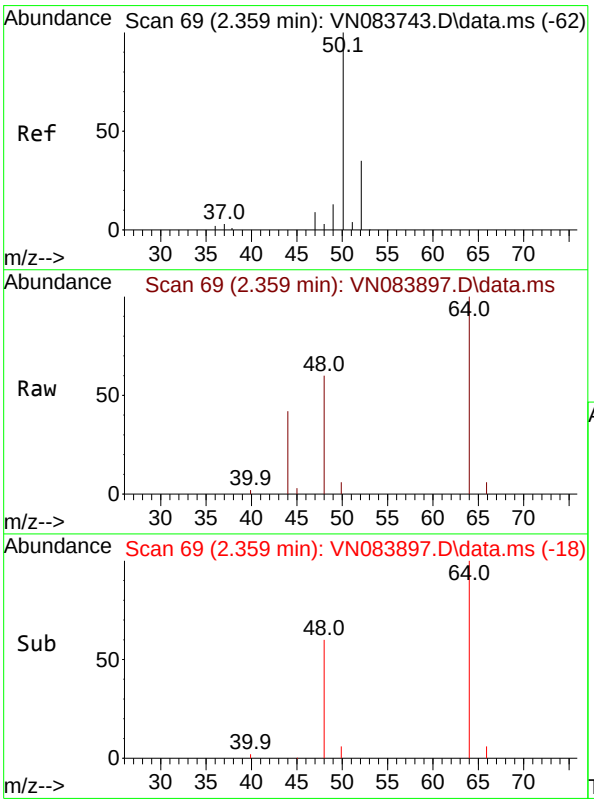
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion:168 Resp: 188085

Ion	Ratio	Lower	Upper
168	100		
99	68.3	54.2	81.2

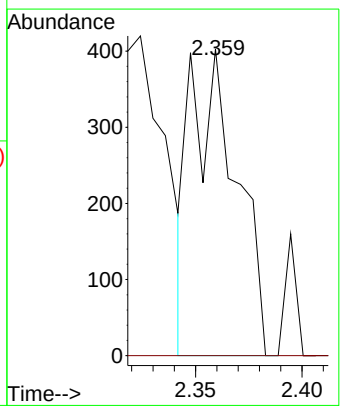


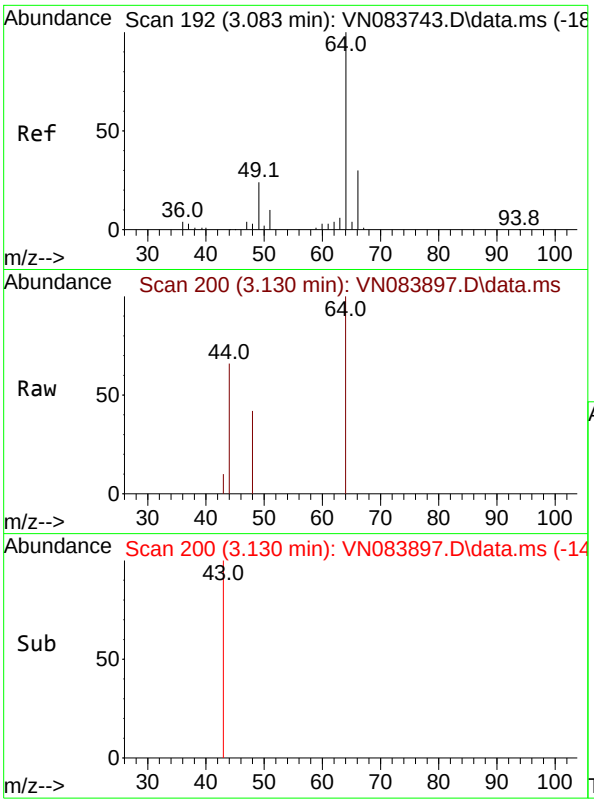


#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 50 Resp: 597

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.2	40.8#



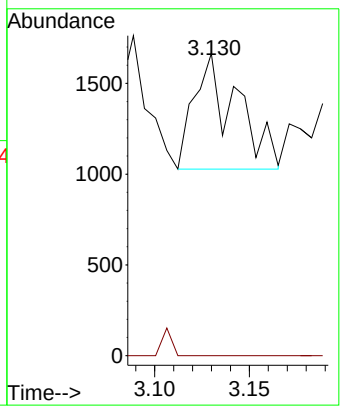


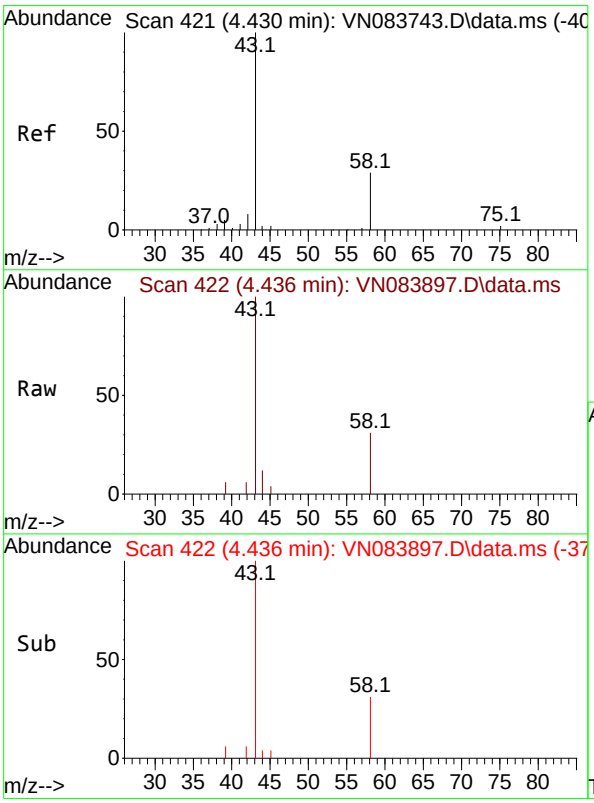
#6
Chloroethane
Concen: 0.592 ug/l
RT: 3.130 min Scan# 2
Delta R.T. 0.047 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 64 Resp: 995

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.9	35.9#

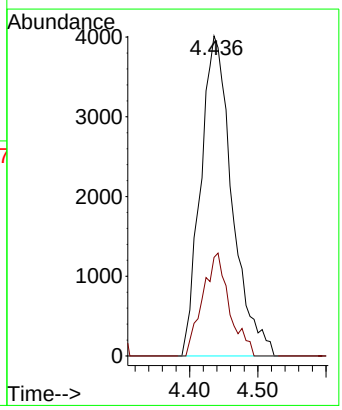


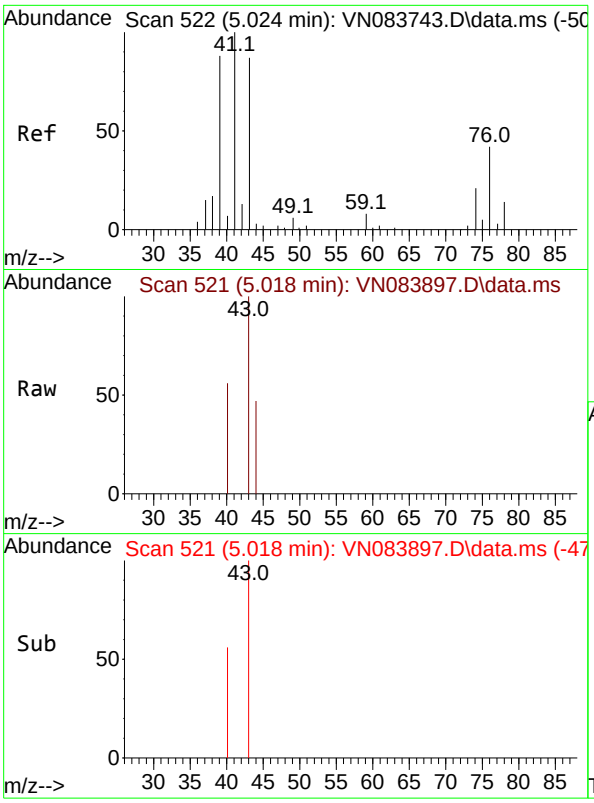


#16
Acetone
Concen: 11.341 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 12894

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.7	35.5



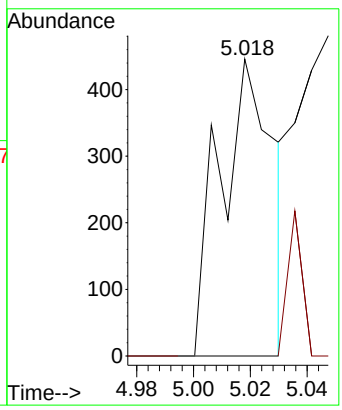


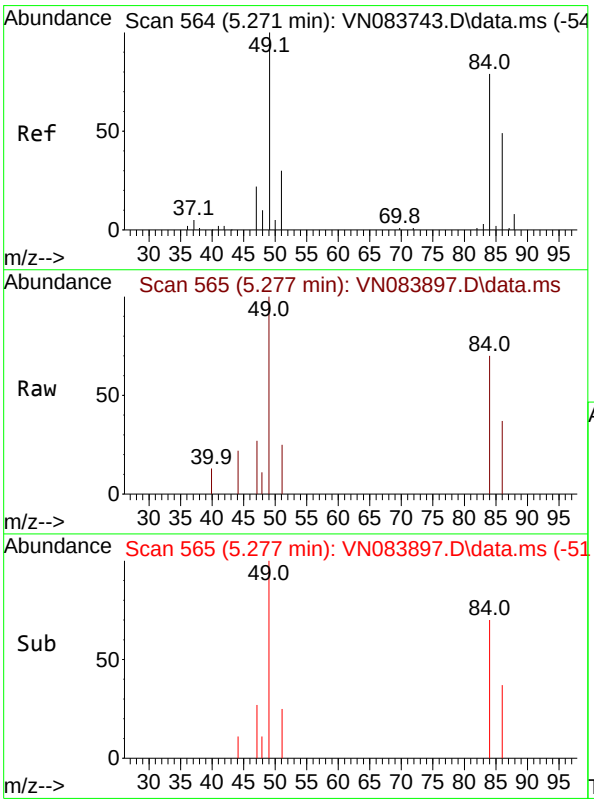
#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#

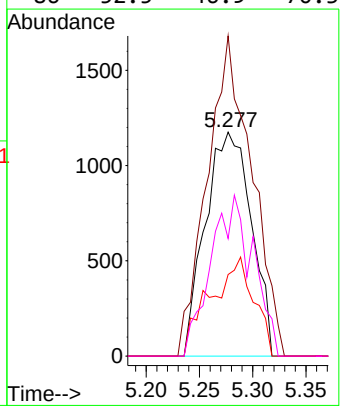


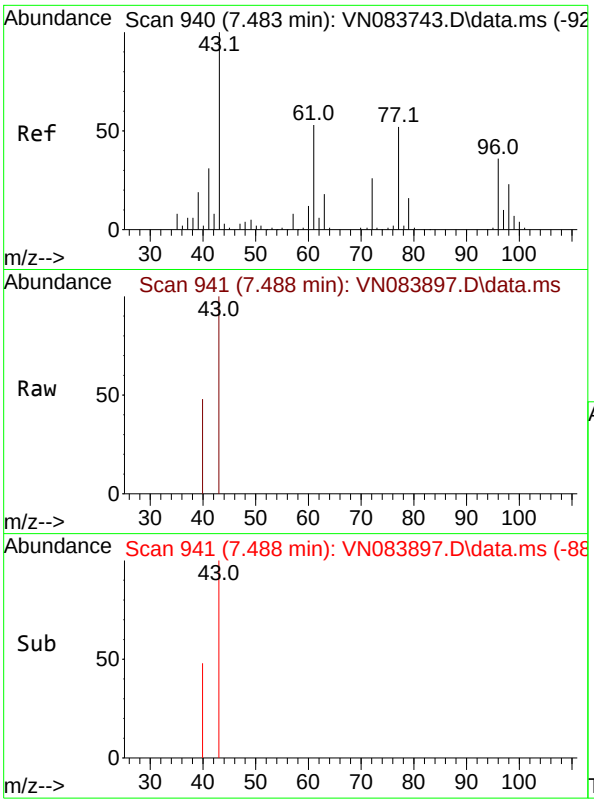


#20
Methylene Chloride
Concen: 1.519 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 84 Resp: 3533

Ion	Ratio	Lower	Upper
84	100		
49	142.9	93.4	140.0#
51	36.4	29.2	43.8
86	52.5	46.9	70.3



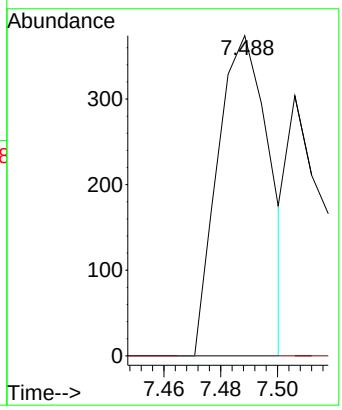


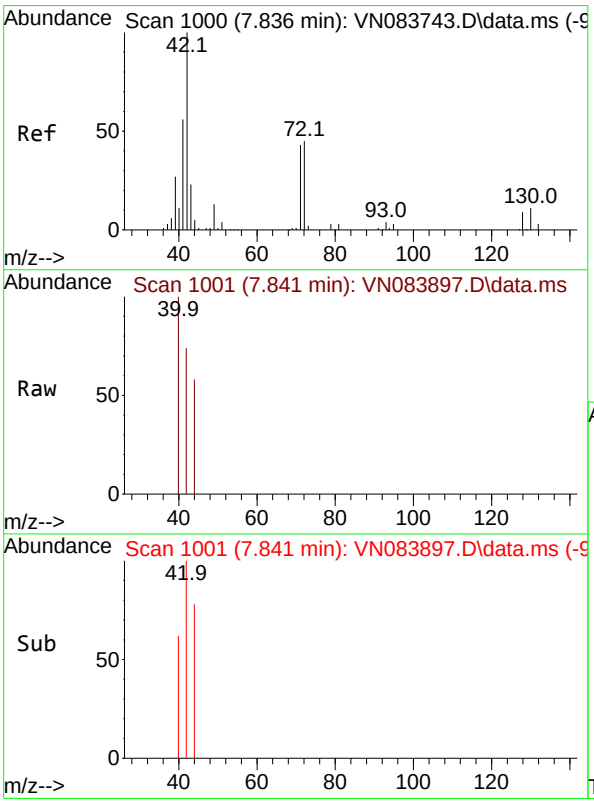
#25
2-Butanone
Concen: 0.317 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

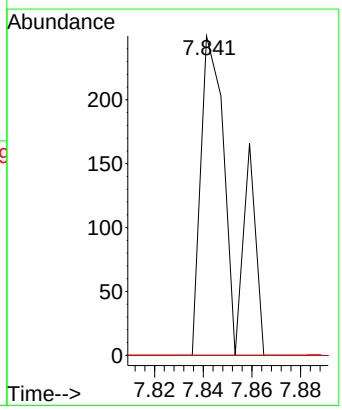


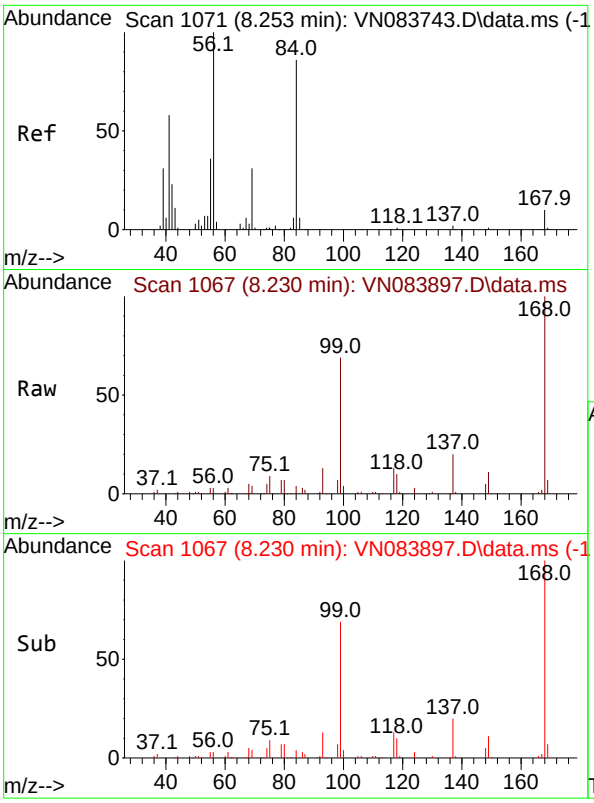


#29
Tetrahydrofuran
Concen: 0.248 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 42 Resp: 219

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



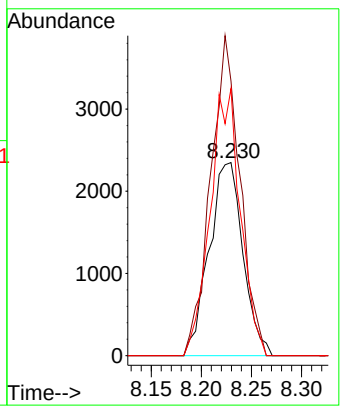


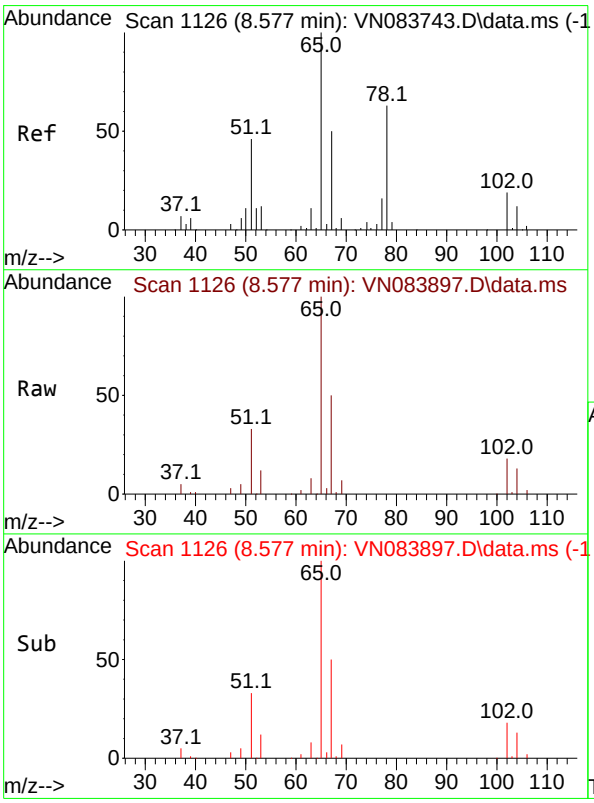
#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 56 Resp: 5514

Ion	Ratio	Lower	Upper
56	100		
69	142.1	26.9	40.3#
84	138.3	69.2	103.8#

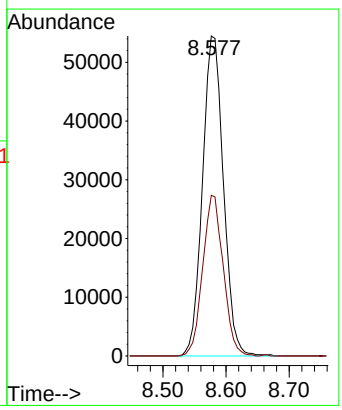


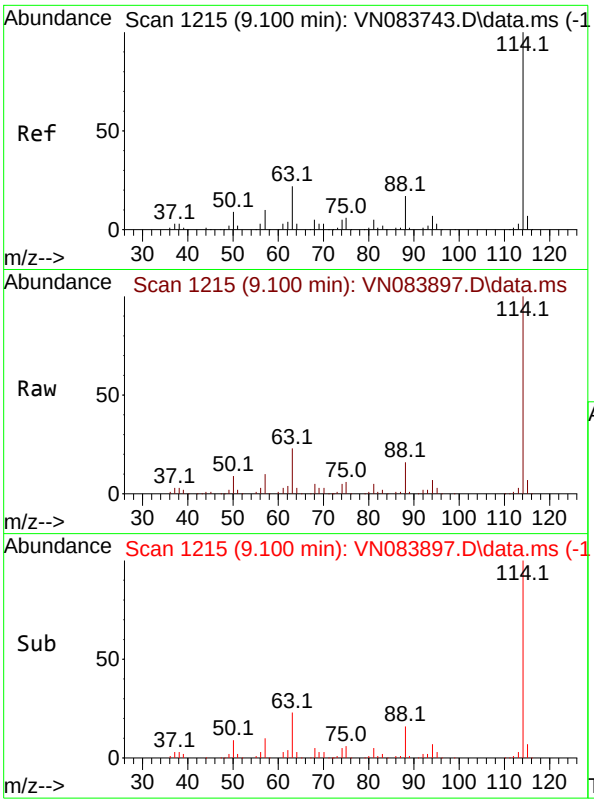


#33
1,2-Dichloroethane-d4
Concen: 44.187 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 65 Resp: 125318

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	100.8



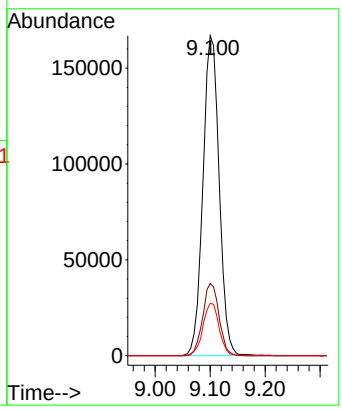


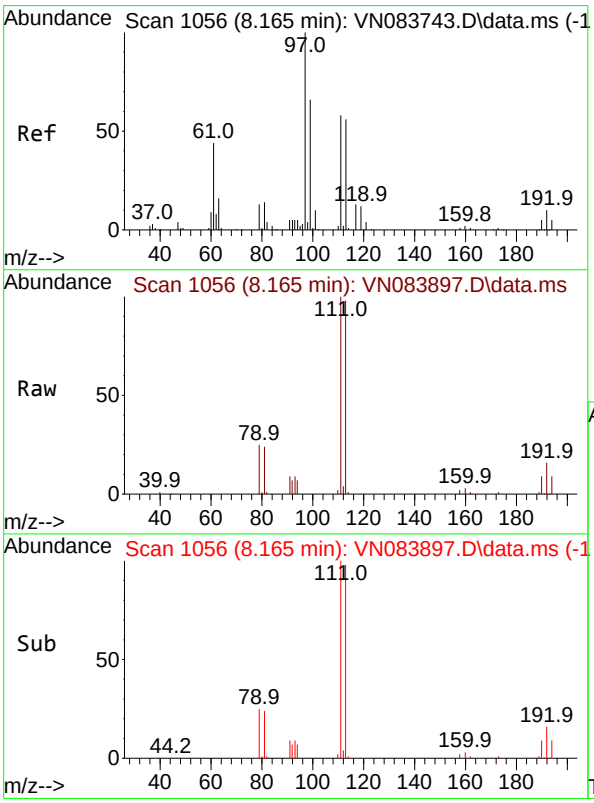
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion:114 Resp: 342800

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	16.3	0.0	32.6

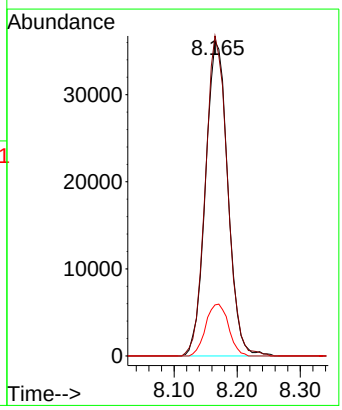


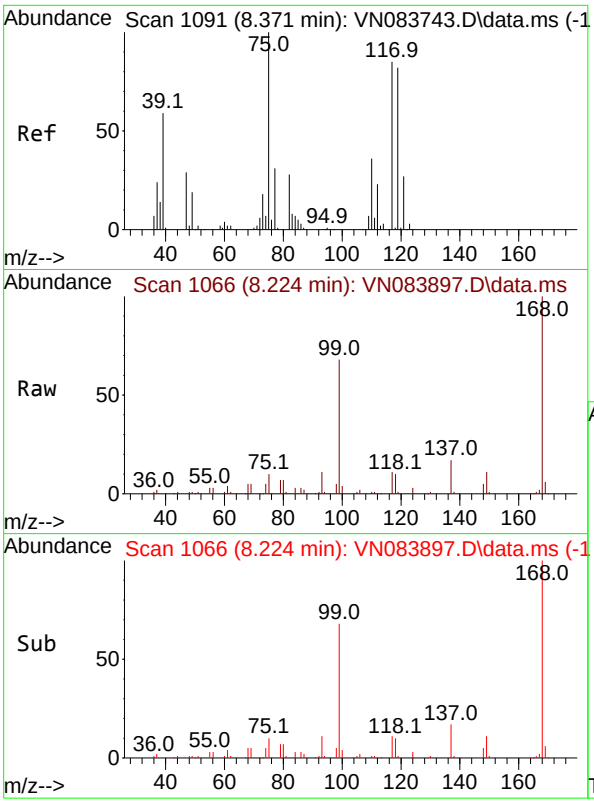


#35
Dibromofluoromethane
Concen: 40.463 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion:113 Resp: 88798

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.6	124.0
192	16.8	14.3	21.5



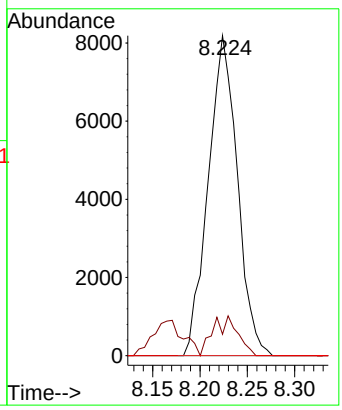


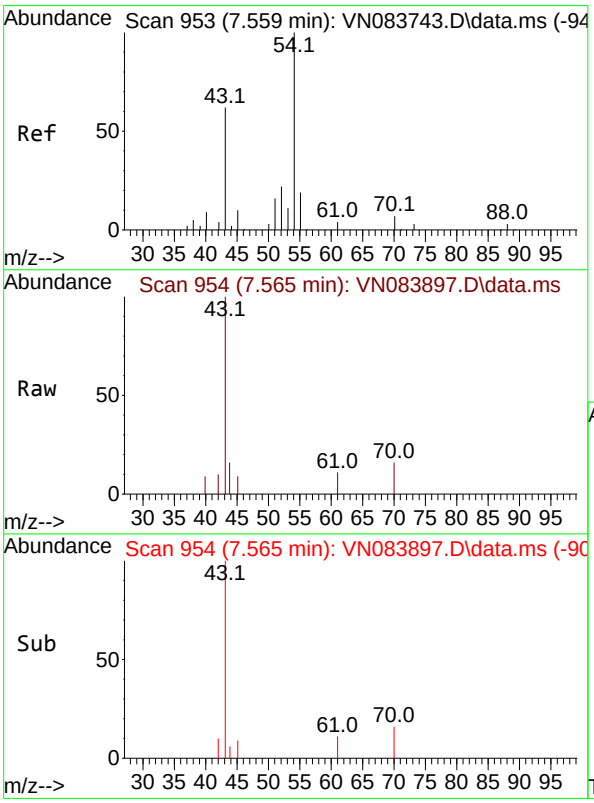
#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 75 Resp: 17532

Ion	Ratio	Lower	Upper
75	100		
110	5.0	16.7	50.1#
77	0.0	25.2	37.8#

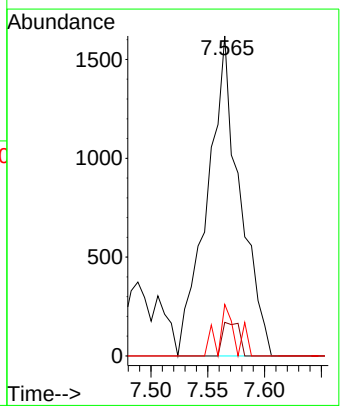


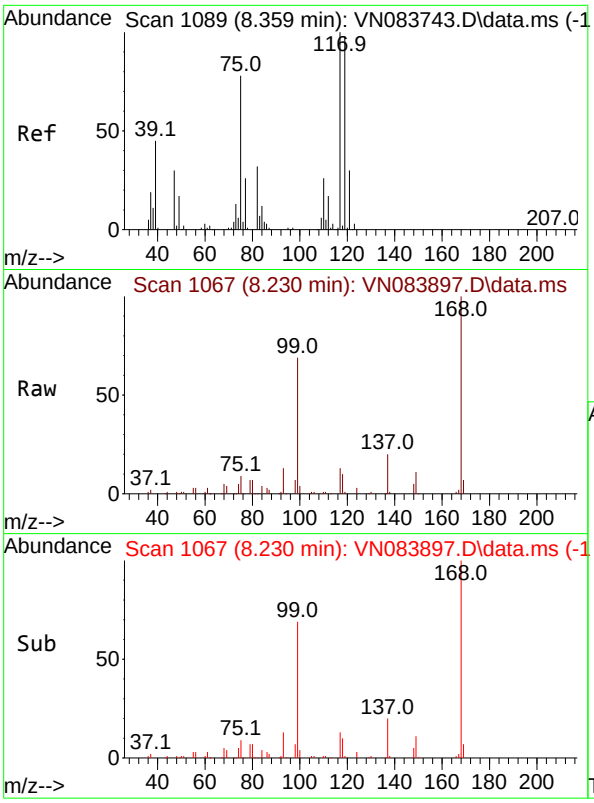


#37
Ethyl Acetate
Concen: 1.077 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 3230

Ion	Ratio	Lower	Upper
43	100		
61	5.4	11.1	16.7#
70	8.3	8.8	13.2#



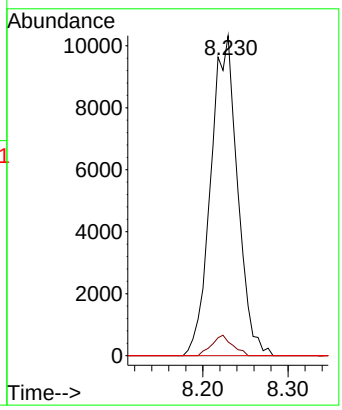


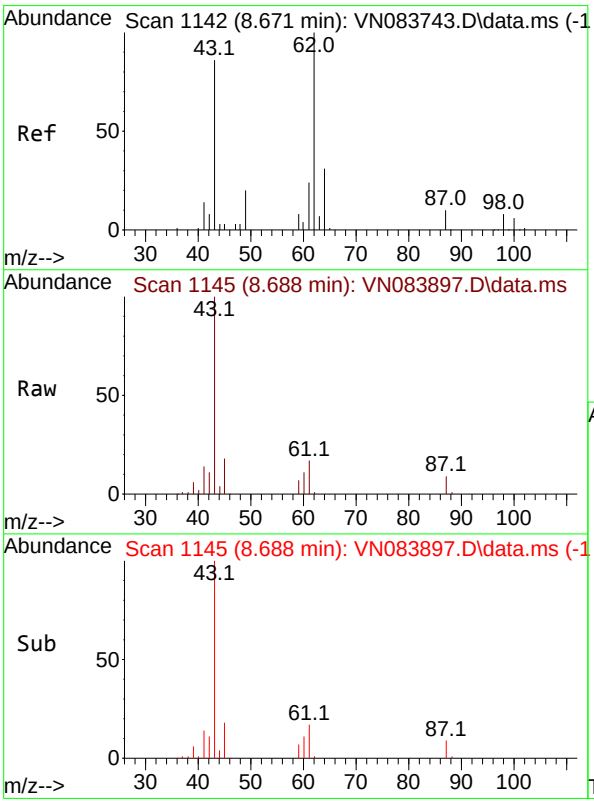
#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.129 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion:117 Resp: 22567

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.1	114.1#
121	0.0	24.1	36.1#

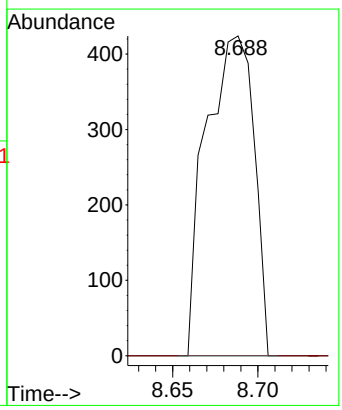


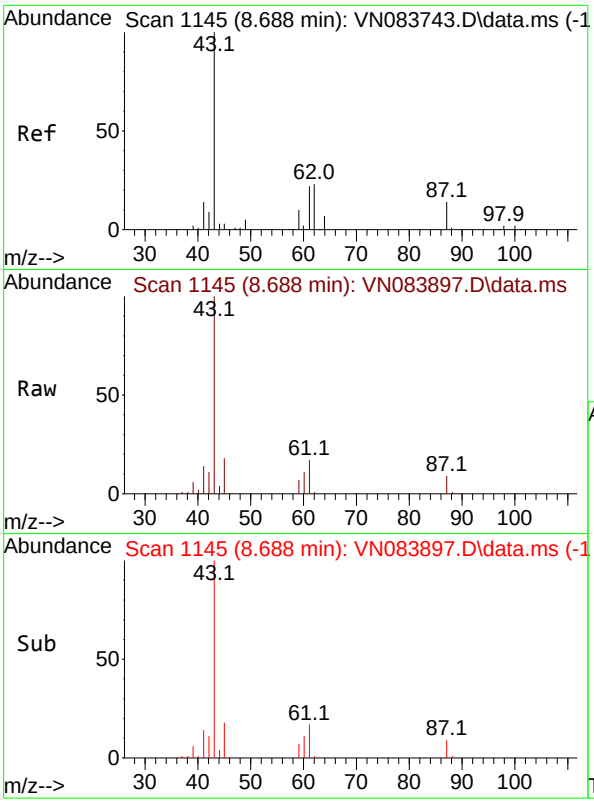


#42
1,2-Dichloroethane
Concen: 0.223 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 62 Resp: 830

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



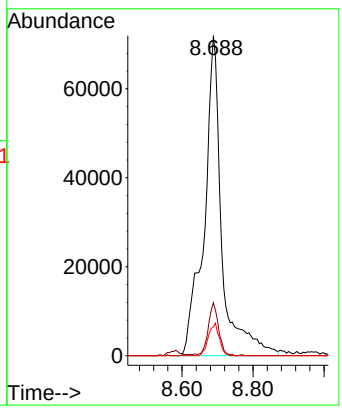


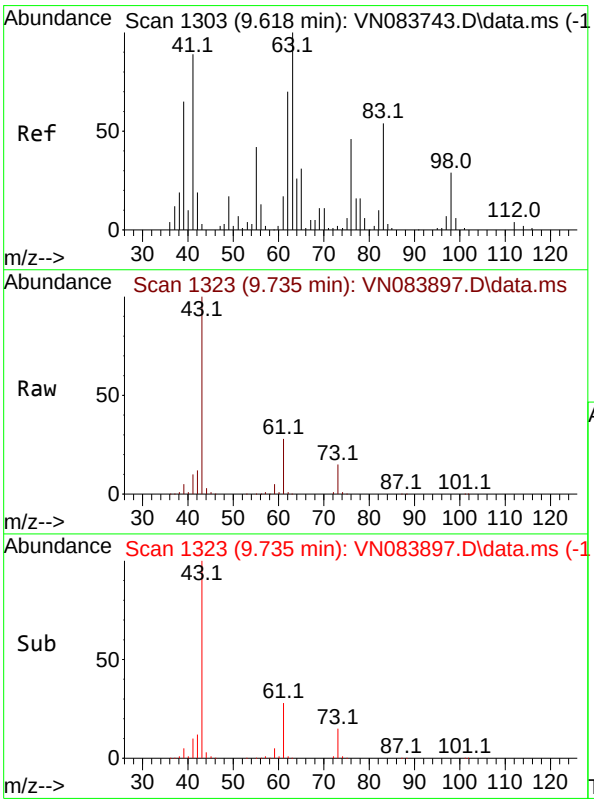
#43
Isopropyl Acetate
Concen: 45.826 ug/l
RT: 8.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 43 Resp: 248982

Ion	Ratio	Lower	Upper
43	100		
61	9.8	19.4	29.0#
87	6.2	9.8	14.6#

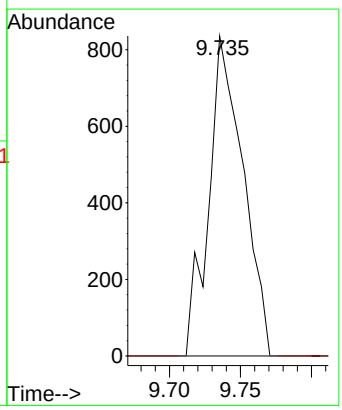


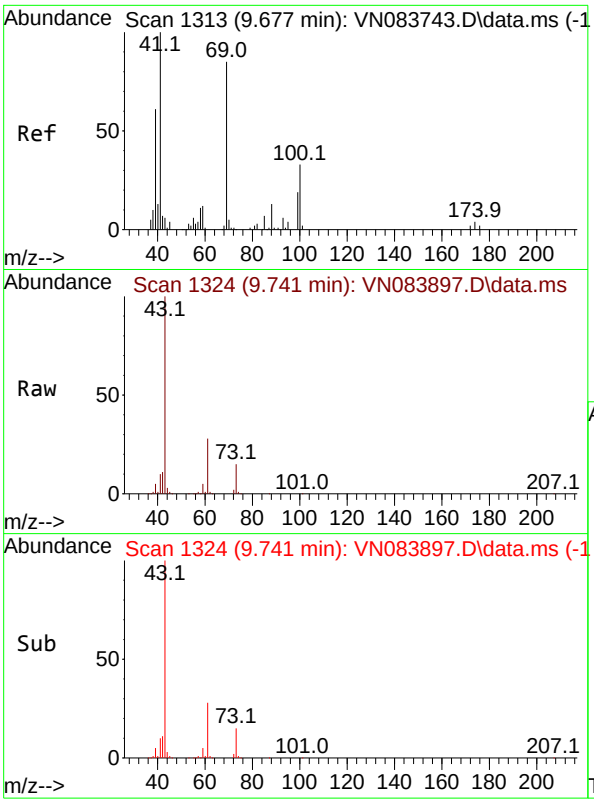


#45
1,2-Dichloropropane
Concen: 0.587 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.118 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 63 Resp: 1411

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.9	38.9#



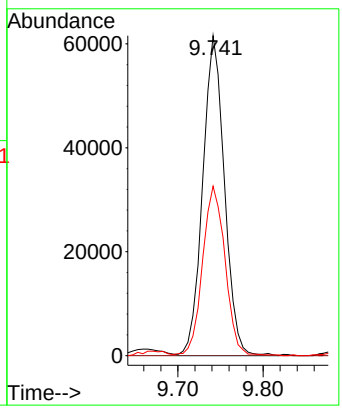


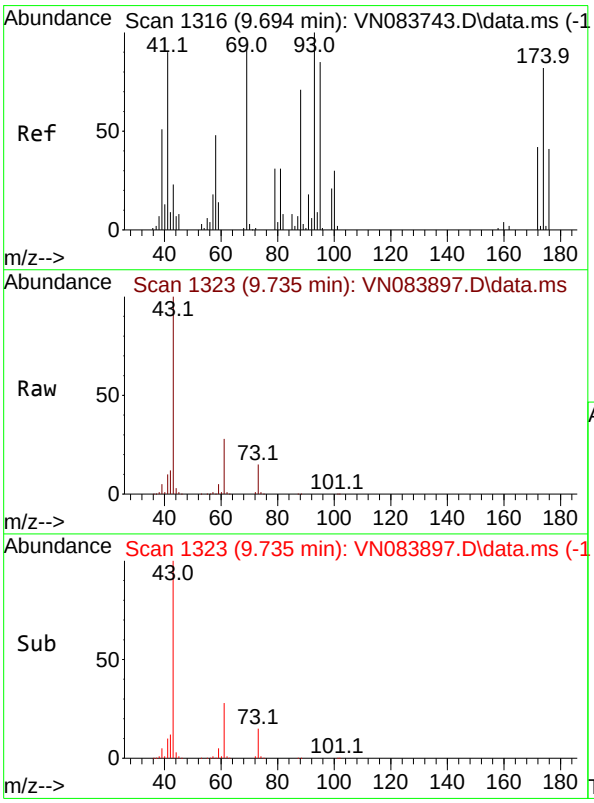
#48
Methyl methacrylate
Concen: 42.298 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.065 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 41 Resp: 109034

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.3	96.5#
39	55.0	48.9	73.3

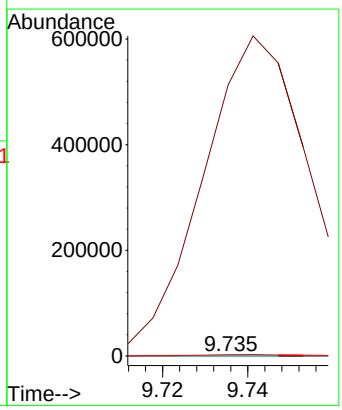


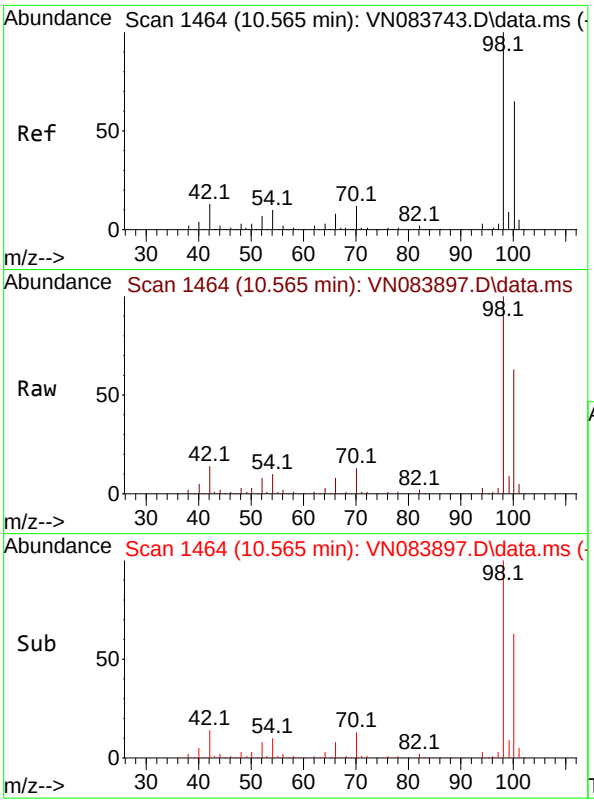


#49
1,4-Dioxane
Concen: 1.321 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
43	1937208.9	0.0	0.0#
58	8323.2	57.1	85.7#



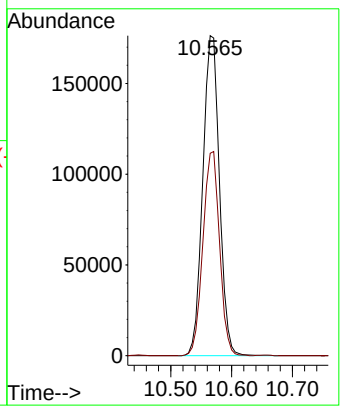


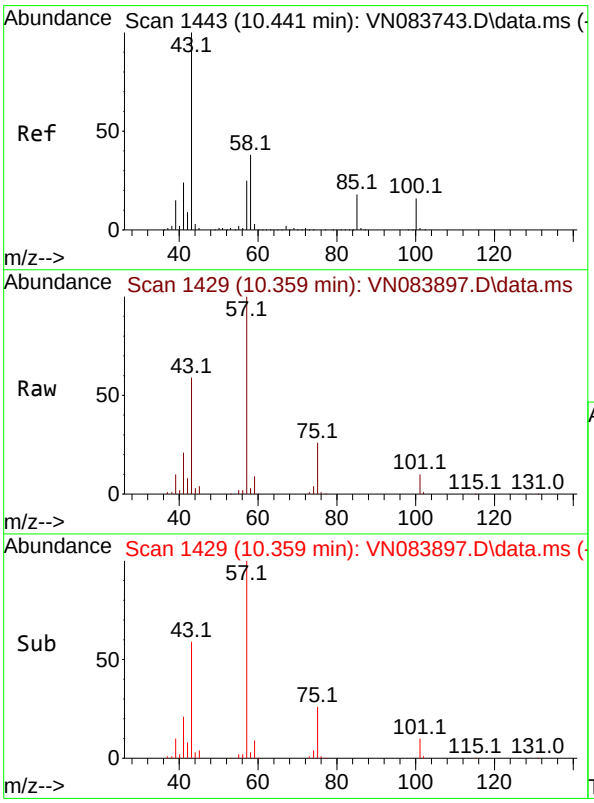
#50
Toluene-d8
Concen: 44.040 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 98 Resp: 334117

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

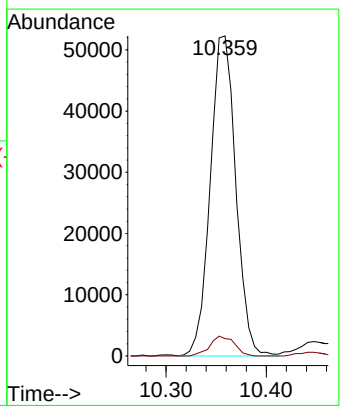


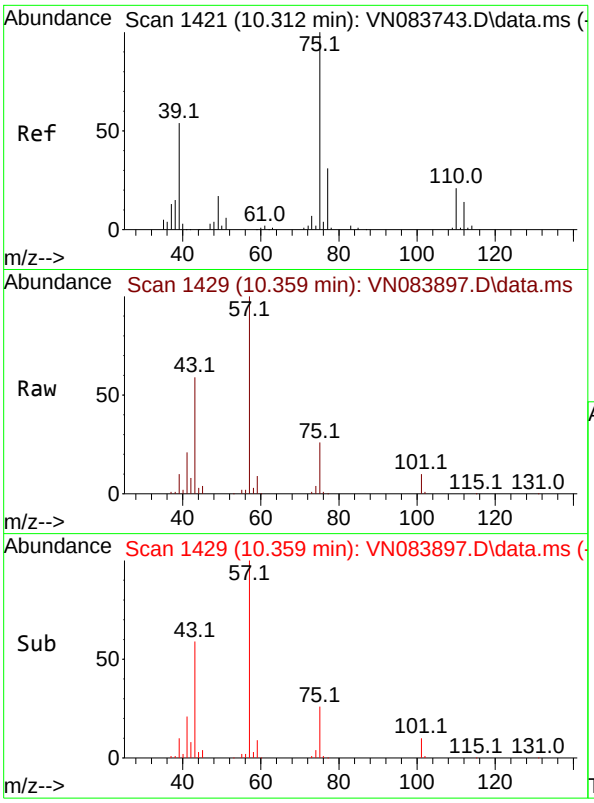


#51
4-Methyl-2-Pentanone
Concen: 31.345 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.082 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 92707

Ion	Ratio	Lower	Upper
43	100		
58	5.9	31.6	47.4#



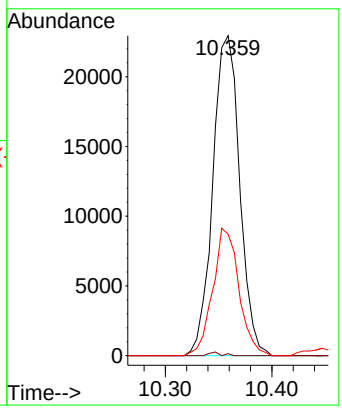


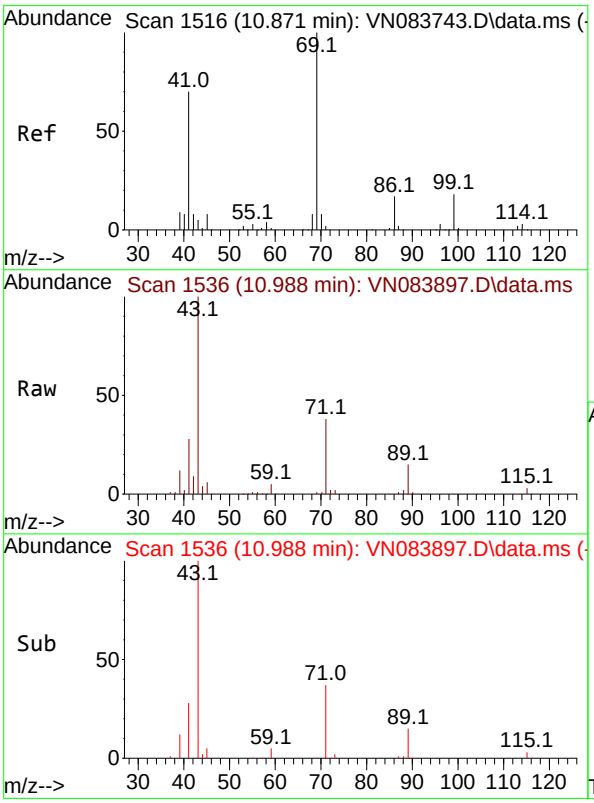
#54
cis-1,3-Dichloropropene
Concen: 10.351 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 75 Resp: 40144

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.6#
39	37.9	42.6	64.0#

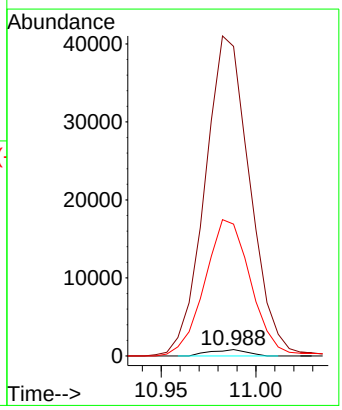


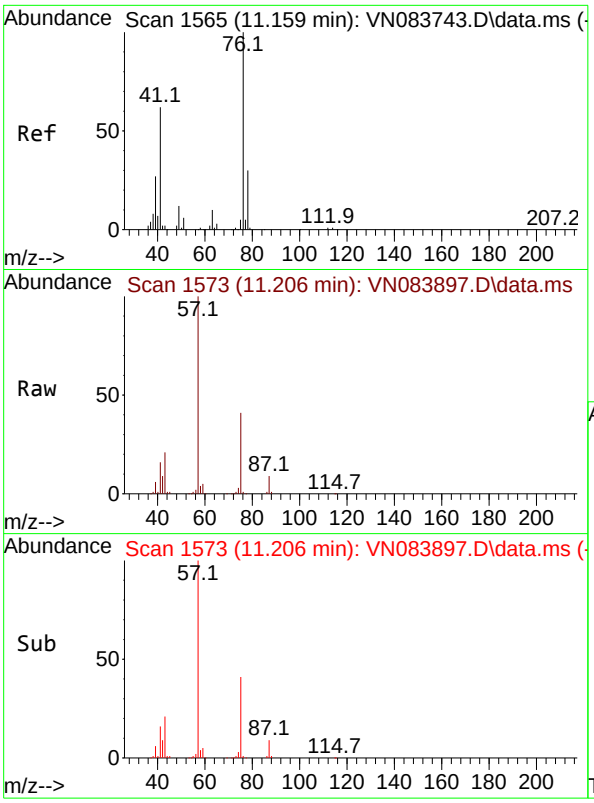


#56
Ethyl methacrylate
Concen: 0.322 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.118 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 69 Resp: 1123

Ion	Ratio	Lower	Upper
69	100		
41	6054.4	53.9	80.9#
39	2650.9	32.6	48.8#



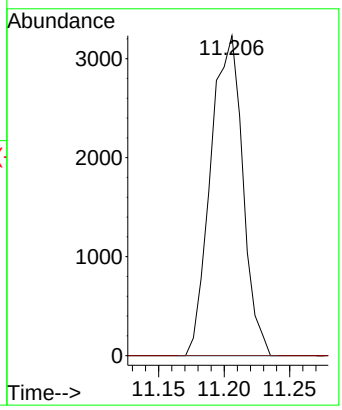


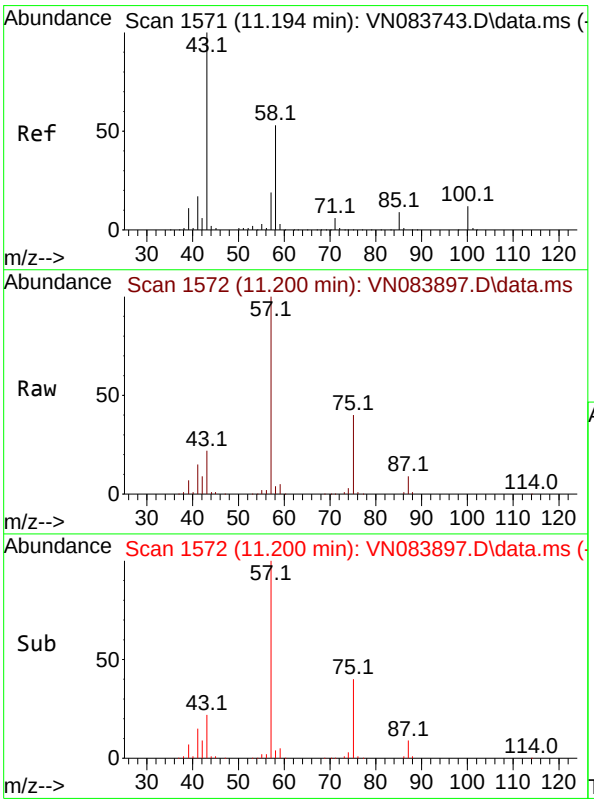
#57
1,3-Dichloropropane
Concen: 1.413 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 76 Resp: 5513

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

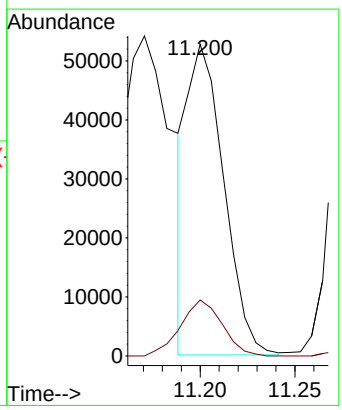


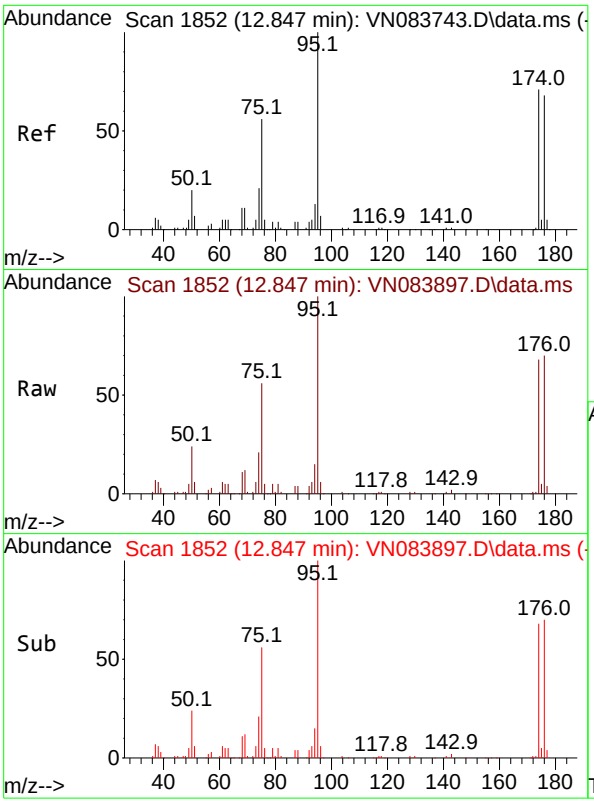


#59
2-Hexanone
Concen: 32.566 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 71248

Ion	Ratio	Lower	Upper
43	100		
58	20.4	27.2	81.5#



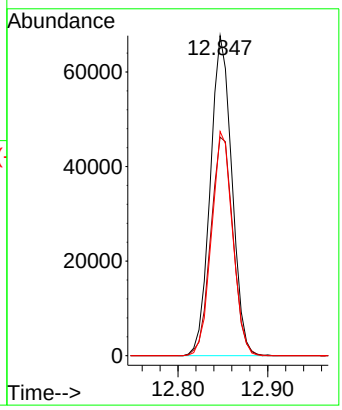


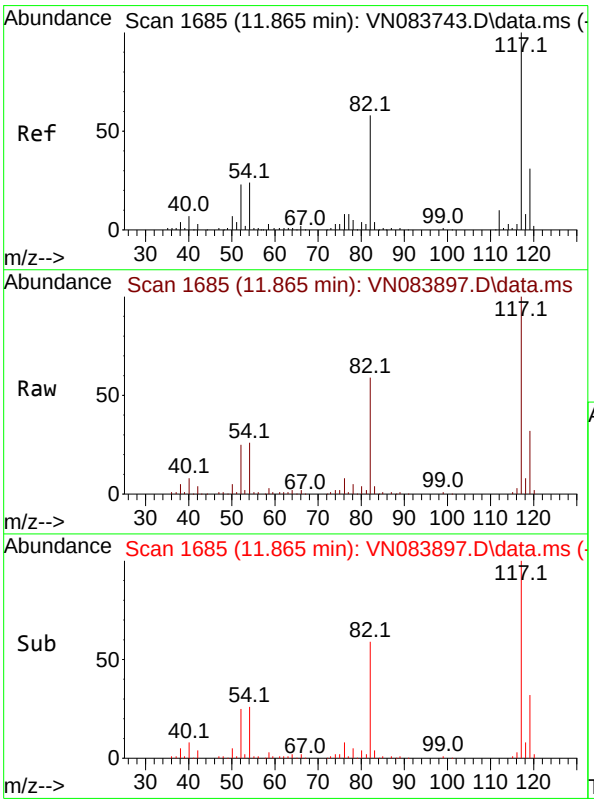
#62
4-Bromofluorobenzene
Concen: 36.111 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 95 Resp: 113030

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	139.8
176	68.3	0.0	131.4

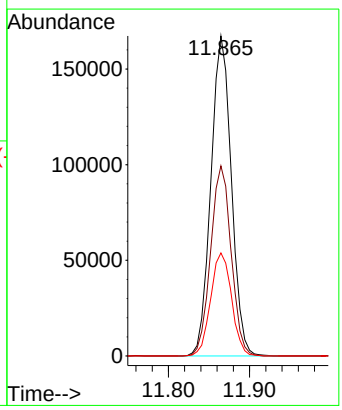


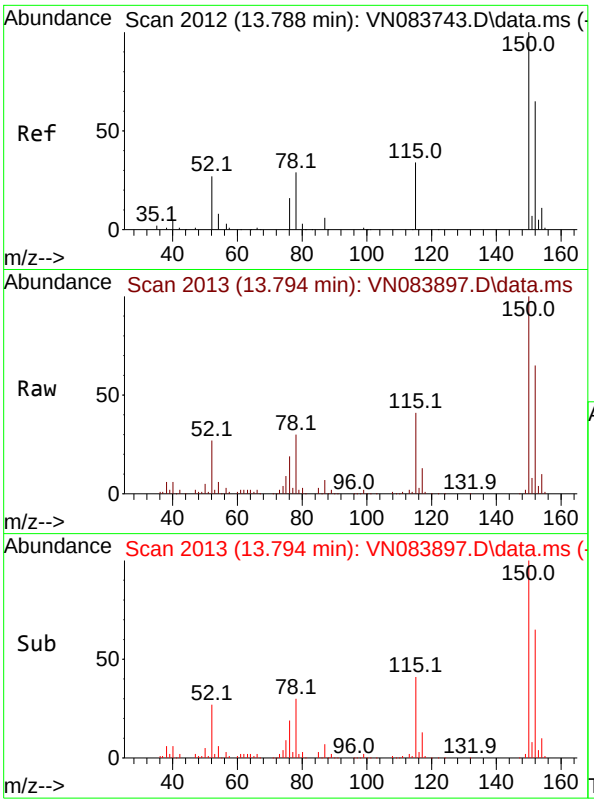


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion:117 Resp: 293013

Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.4	71.0
119	32.2	26.3	39.5



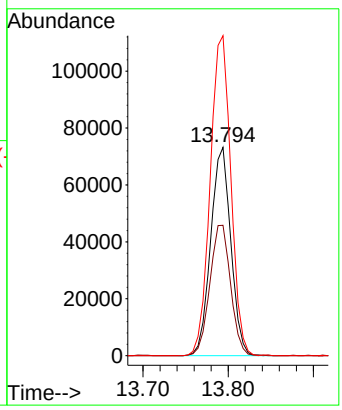


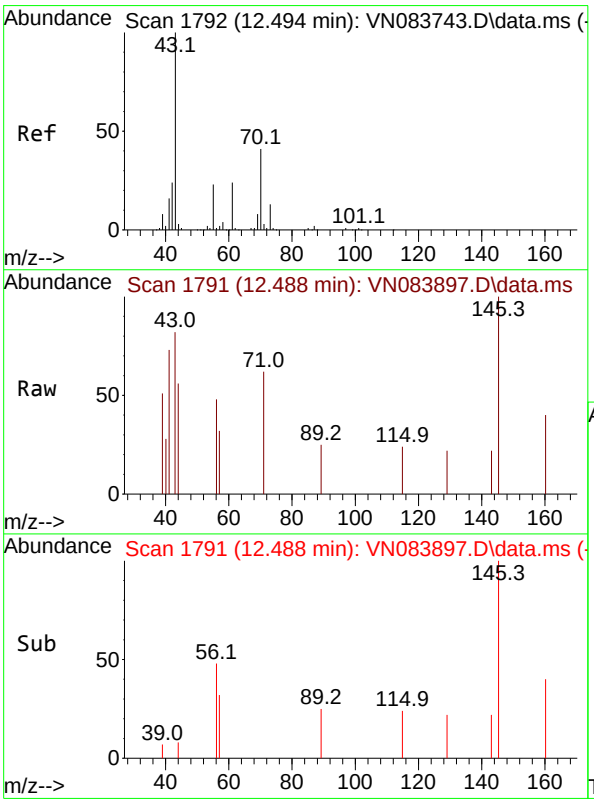
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion:152 Resp: 120000

Ion	Ratio	Lower	Upper
152	100		
115	64.7	32.2	96.6
150	157.9	0.0	348.6

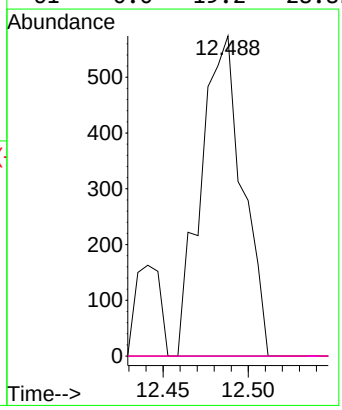


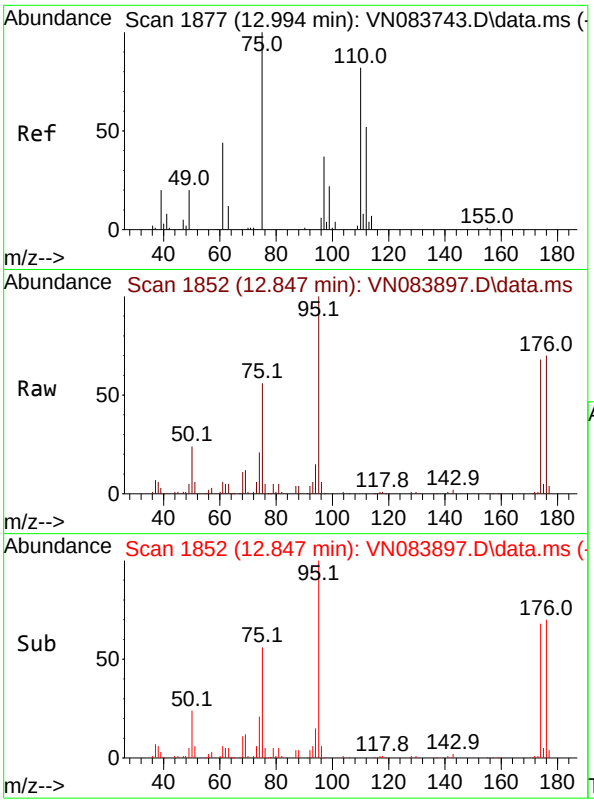


#74
N-amyl acetate
Concen: 0.247 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 979

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#



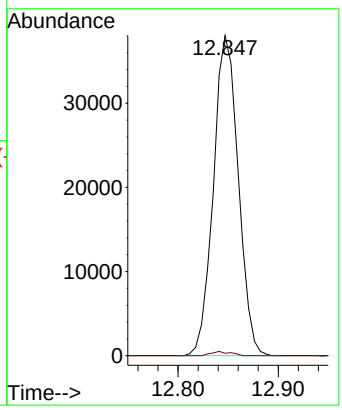


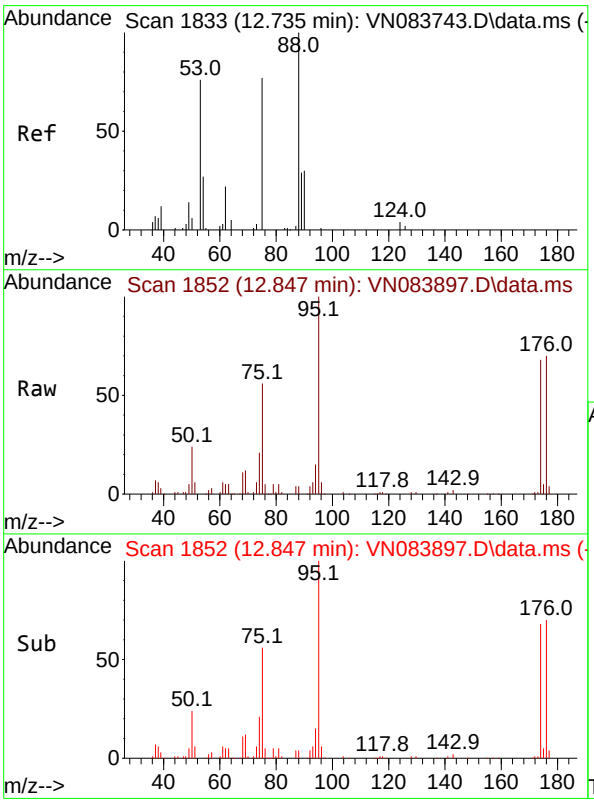
#76
1,2,3-Trichloropropane
Concen: 27.079 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB163310TB

Tgt Ion: 75 Resp: 65567

Ion	Ratio	Lower	Upper
75	100		
77	1.0	95.2	285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.921 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 75 Resp: 65567

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